



Marie A. Musfeldt  
Director, Contract Development

Lay D.A.M. H.P. - Calera T.S. Tap  
(Lay Dam - Bessemer)  
(Lock 12 - Bessemer)

Sta 932+01  
(A-403999)

23.53

In the NW 1/4 & NE 1/4 of  
Section 16, Township  
22 South,  
Range 2  
West,  
Shelby County  
Alabama

301 West Bay Street, Suite 900  
Jacksonville, FL 32202  
904.633.1517  
Marie\_Musfeldt@csx.com

April 25, 2007

70196551  
(TL-6-1-20)

Jerry Roberson  
Chief Technical Specialist  
Alabama Power Company  
600 North 18<sup>th</sup> Street  
P.O. Box 2641  
Birmingham, Alabama 35473

  
20071029000498150 1/5 \$23.50  
Shelby Cnty Judge of Probate, AL  
10/29/2007 12:55:02PM FILED/CERT

Re: CSXT Agreement #: CSX-057553-002

Dear Mr. Roberson:

Thank for your request to install facilities over/across CSX Transportation, Inc.'s property pursuant to General Crossing Agreement dated April 25, 2007 (the "Agreement"), and as noted below:

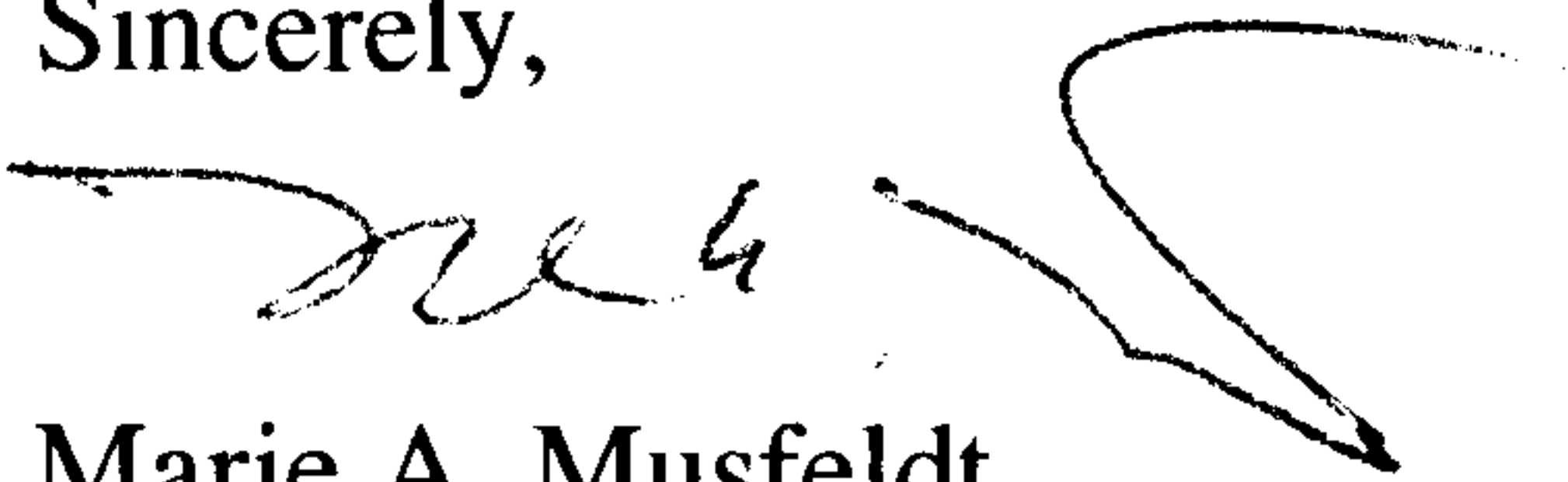
|                |                           |               |            |
|----------------|---------------------------|---------------|------------|
| Location:      | Calera, Shelby County, AL | Drawing #:    | A-403999   |
| GIS:           | 20552                     | Drawing Date: | 06/15/05   |
| RR Milepost:   | OOO 423.74                | Facility:     | Wireline   |
| RR Stationing: | 22382+43                  | Request Date: | 04/04/2007 |

This letter will serve as formal authority to make the installation at the location shown on the attached approved print, in accordance with specifications outlined in your application and subject to the terms of said Agreement. This letter shall constitute a Supplement to said Agreement. Please retain it in your file(s) pertaining to the same.

To schedule the work, complete and follow the instructions on the attached Outside Party Number Request Form. No work is to be performed on CSX property without Roadmaster's authorization and all such costs shall be borne by Alabama Power.

Should there be any questions, please feel free to call me at the above referenced number.

Sincerely,



Marie A. Musfeldt



70196551

APPLICATION FOR WIRE OR CABLE LINES  
CROSSING OR PARALLELING PROPERTIES AND TRACK

Submit one original and one copy of both the application and drawing along with a \$750.00 nonrefundable Application Fee to CSX Transportation, Property Services J180, 500 Water Street, Jacksonville, FL 32202.

Application and plans must be approved and written authority received from the Railroad before construction is begun. Your proposal and construction must be in accordance with CSXT's Specifications, the National Electrical Safety Code, and any governing laws or regulations. Note: Specifications furnished in the Application Package are to be used as a guideline only. CSXT reserves the right to approve or decline any application.

**PLEASE SIGN BEFORE COMPLETING:**

I affirm the information I am furnishing in this application will comply with the NESC Standards and accurately reflects the proposed construction plans.

Agreement No.: CSX057553 002Signature: [Signature]Application Date: April 4, 2007**Project Owner Information:**☐ Check here if agreement should be mailed to this address

1. Complete Legal Name of applicant as it would appear in a legal document (inaccurate information will delay your request):  
ALABAMA POWER COMPANY
2. Company Contact Name: JERRY ROBERSON  
Title: CHIEF TECHNICAL SPECIALIST
3. Telephone: (205) 257-4643 Fax: (205) 257-1220 E-Mail: JROBERSON@SOUTHERNCO.COM
4. Street Address: 600 NORTH 18TH STREET City: BIRMINGHAM State: AL Zip: 35291
5. Type of business: P.O. BOX 2641  
☒ Corporation (State of incorporation ALABAMA)  
☐ Partnership (Type and State of Partnership \_\_\_\_\_)  
☐ Individual ☐ Developer ☐ Municipality ☐ Other \_\_\_\_\_

**Engineer/Consultant Information:**☐ Check here if agreement should be mailed to this address

6. Company Name: \_\_\_\_\_
7. Company Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_
8. Telephone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_ E-Mail: \_\_\_\_\_
9. Street Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Project Information:***(Note: Metric Information will NOT be accepted.)*

10. Is this installation: ☐ New ☐ Revision to existing ☐ Attachment to existing ☐ Upgrade to existing
11. If not a new installation, furnish existing Agreement Number: \_\_\_\_\_
12. If this installation is to be a supplement to your master (general) agreement, furnish:  
Agreement Number: \_\_\_\_\_ Date: \_\_\_\_\_
13. Your Reference Number: \_\_\_\_\_
14. Town Location: CALERA County: SHELBY State/Province: Alabama
15. Type of Crossing: ☒ Electric ☐ CATV ☐ Telephone ☐ Communications  
☐ Other (explain): \_\_\_\_\_
16. Crossing is dedicated to: ☐ Trunk ☐ Distribution ☒ Transmission ☐ Other \_\_\_\_\_
17. Conductor Material: ☐ Copper ☒ Aluminum ☐ Fiber Optic & Fiber Count \_\_\_\_\_
18. ☒ AC / ☐ DC : Voltage: 115,000 No. of Phases: 3 Amperes: \_\_\_\_\_ Hertz: 60
19. Maximum Voltage: 121,000 0-0 Maximum Current: 900
20. Maximum Fault to Ground: 2475
21. AWG Gauge: 3-795 2 1/2 ALCR

Shelby County, AL 10/29/2007  
State of Alabama

Deed Tax: \$.50

(Form continued on Page 2)

  
20071029000498150 2/5 \$23.50  
Shelby Cnty Judge of Probate, AL  
10/29/2007 12:55:02PM FILED/CERT

## Project Information Cont'd:

22. Is this both a Crossing and Parallelism? ☐ Yes ☒ No
23. Number of tracks to be crossed: 1 Angle of crossing 230 <sup>EXISTING</sup>
24. Crossing location: 1273 feet NORTH (direction) from Railroad Milepost: 4247  
If known: Valuation Station: \_\_\_\_\_ Valuation Map Number: \_\_\_\_\_  
If known: Latitude/Longitude: \_\_\_\_\_  
If known: Street Address of Crossing/Parallelism: \_\_\_\_\_
25. Parallelism location: Beginning: \_\_\_\_\_ feet \_\_\_\_\_ (direction) from RR Milepost: \_\_\_\_\_  
and Ending: \_\_\_\_\_ feet \_\_\_\_\_ (direction) from RR Milepost: \_\_\_\_\_
26. Total length on Railroad R/W: 150' Length Crossing: 385' Length Paralleling: \_\_\_\_\_
27. Will line be located entirely within a public road right-of-way? ☐ Yes ☐ No  
\*\* If you answered yes, road name, number, and width of public right-of-way are required on drawing  
DOT/AAR Crossing Number: \_\_\_\_\_
28. a) Will this occupancy connect to an existing facility within Railroad corridor? ☐ Yes ☐ No  
b) If Yes, name facility owner(s): \_\_\_\_\_
29. Number of ☐ Manholes ☐ Handholes ☐ Pull boxes ☐ Other (describe) \_\_\_\_\_  
to be located within Railroad corridor. Dimensions of ancillary structures are required on drawing.
30. Distance from manholes/handholes/pull boxes/other to nearest track: \_\_\_\_\_
31. Number of new poles to be located on Railroad R/W: \_\_\_\_\_
32. Number of existing poles to be utilized on Railroad R/W: \_\_\_\_\_
33. Owner of existing poles to be utilized within Railroad R/W: \_\_\_\_\_
34. Distance from butt of pole utilized to nearest rail of track: 147'
35. Underground facilities: (For the purpose of this application, Conduit or Innerduct shall mean a single duct or pipe suitable for housing cables or wires).  
Total buried length on Railroad R/W: \_\_\_\_\_  
Number of Conduit(s): \_\_\_\_\_ Total Filled Conduit(s): \_\_\_\_\_ Total Empty Conduit(s): \_\_\_\_\_  
Number of Cables or Lines in each Conduit: \_\_\_\_\_  
Number of Conductors in each Cable or Line: \_\_\_\_\_  
Encasement material: \_\_\_\_\_ Outside diameter: \_\_\_\_\_ Wall thickness: \_\_\_\_\_  
Bury depth from base of rail to top of casing: \_\_\_\_\_ feet  
Bury depth on right of way, but not beneath tracks: \_\_\_\_\_ feet  
Bury depth below ditches: \_\_\_\_\_ feet
36. Aerial facilities:  
Total aerial length on Railroad R/W: 71.5'  
Total number of CSX pole lines to be crossed: 0  
Type of wire supports: CONCRETE Size: 70x75 False dead ends: \_\_\_\_\_  
Height of wires above top of rail at 60°f: 33' feet Sag in Spans at 60°f: 1.37'  
Height of wires above Railroad communication and signal wires at 60°f: \_\_\_\_\_ feet

## Supplemental Fiber Optic Information (Must be Completed for Fiber Proposals):

37. Identify each intended user of the conduit/cable: \_\_\_\_\_
38. Entity performing construction: \_\_\_\_\_
39. Number of fibers per cable: \_\_\_\_\_

## Railroad Use Only:

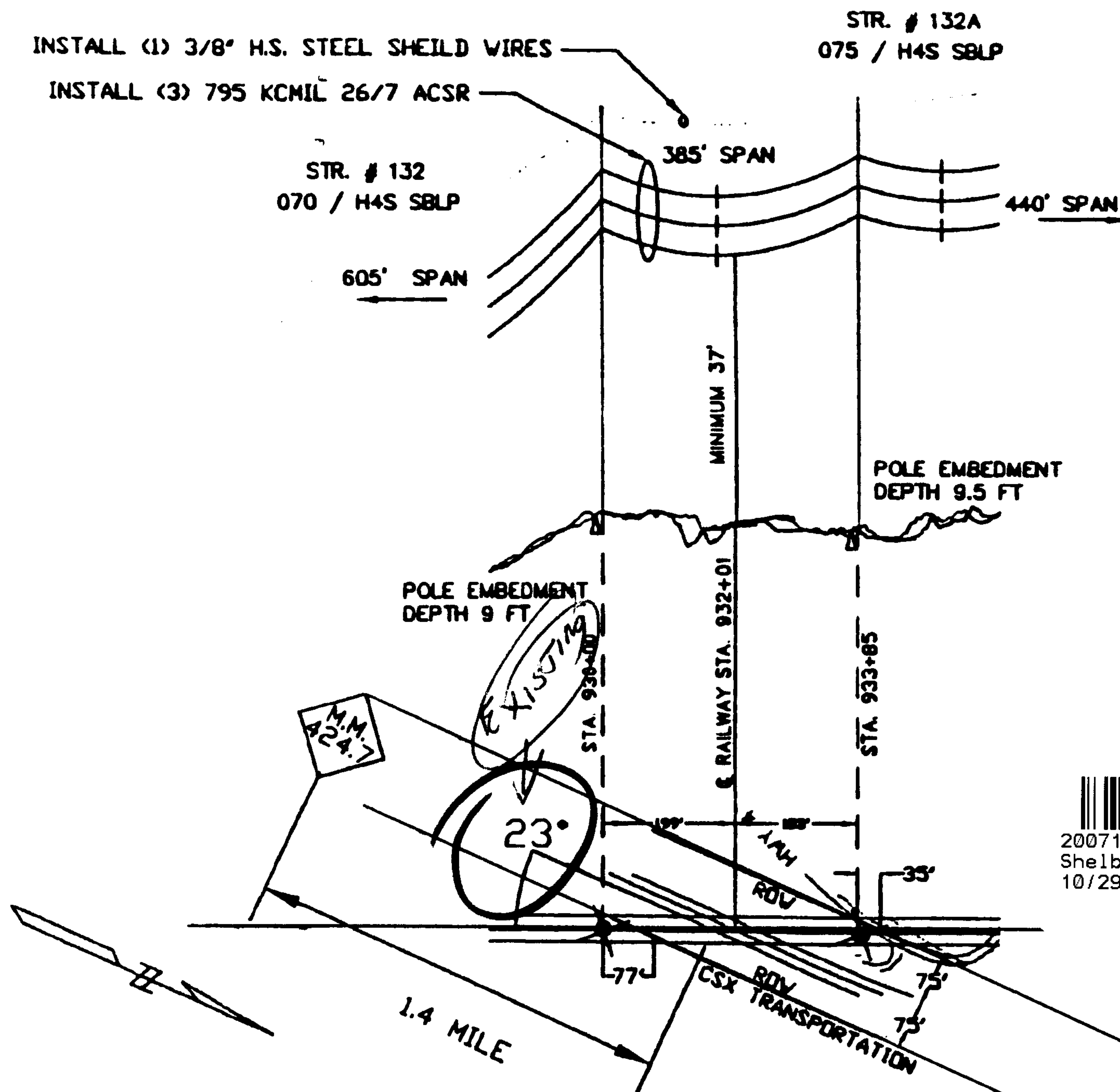
Division ATLANTA Subdivision SANDNA SOUTH No. of Crossings: 1  
Absolute No.: 20552 Valuation Section/Map No.: V 47/15  
Valuation Station: 32382+43  
Milepost: 000 433.14

Roadmaster No.: \_\_\_\_\_ Contr. Type: \_\_\_\_\_ Fiber? NO

70196551

SHELBY COUNTY  
T-22-S, R-2-W  
N.W. 1/4 OF N.E. 1/4 SECTION 16

NOTE: THIS IS AN EXISTING CROSSING WITH NEW CONDUCTORS BEING INSTALLED!!



APPROVED FOR CONSTRUCTION  
APPROVED BY: *AutoCAD*

CSX ENGINEERING

DATE: 4/19/07

20071029000498150 4/5 \$23.50  
Shelby Cnty Judge of Probate, AL  
10/29/2007 12:55:02PM FILED/CERT

COMPUTER PREPARED DRAWING. MAKE  
NO MANUAL CHANGES. RETURN TO  
POWER DELIVERY TRANSMISSION

SO. DIV. ACC LINE NAME:  
SO. DIV. ACC LINE NUMBER:  
SO. DIV. DIVISION LINE NAME:  
SO. DIV. DIVISION LINE NUMBER:  
B'HAM DIV. ACC LINE NAME:  
B'HAM DIV. ACC LINE NUMBER:  
B'HAM DIV. DIVISION LINE NAME:  
B'HAM DIV. DIVISION LINE NUMBER:

CALERA - LAY DAM  
202  
LAY DAM - BESSEMER STR. #62  
125000  
CALERA - LAY DAM  
202  
LAY DAM - BESSEMER 115KV (SOUTHERN SECTION)  
1212A0A

**LEGEND**  
● DENOTES POLE TO BE RETIRED  
X DENOTES POLE TO BE INSTALLED  
○ DENOTES EXISTING POLE  
— DENOTES GUY & ANCHOR TO BE RETIRED  
— DENOTES GUY & ANCHOR TO BE INSTALLED

| DR | WRP     | NO. | DATE     | REVISION        |
|----|---------|-----|----------|-----------------|
| DA | 6/15/05 | 01  | 07/29/05 | STR. NO. CHANGE |
| CK | JRM     | 02  | 08/07/05 | STR. NO. CHANGE |
|    |         | 03  | 10/21/05 | ADD ROW WIDTHS  |

ALABAMA POWER COMPANY

SUBJECT LAY DAM H.P.-CALERA T.S. TAP RECONDUCTOR  
DETAIL CSX RAILROAD CROSSING BETWEEN  
STR. #132 AND STR. #132A

APP  
DATE 6/15/05

SUPERSEDES

SCALE H 1" = 300' SH. 01 OF 01 SHEETS

A-403999

A-403999-001-03 P/L 37260AX, AK TYPE 30

CV  
MEDUSA  
REV. 14.1



70196551

Form # N-OP

**OUTSIDE PARTY NUMBER REQUEST FORM FOR NEW INSTALLATIONS****Outside Party (OP) Number Information: TO BE COMPLETED BY CSXT**

OP Number: \_\_\_\_\_

Valid Through: \_\_\_\_\_

**Agreement/Project Information: TO BE COMPLETED BY LICENSEE/PROJECT CONTACT**CSXT Agreement Number: **CSX-057553-002**Dated: **April 25, 2007**Licensee Name: **Alabama Power Company**Licensee's Ref. Number: **n/a**City: **Calera**County: **Shelby**State: **AL**Railroad Milepost: **OOO 423.74**Division: **Atlanta**Subdivision: **S and N A South**Project Description: **Aerial Wireline Installation**

\*\*\*\*\*All information must be TYPED or CLEARLY PRINTED.\*\*\*\*\*

START DATE: \_\_\_\_\_

EXPECTED END DATE: \_\_\_\_\_

**Billing Information:** *Please provide the Current Billing Information*

Contact Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Fax: \_\_\_\_\_ Email Address: \_\_\_\_\_

**Project Contact Information:** *Provide Current Project Contact Information if different from Billing Information*

Contact Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Fax: \_\_\_\_\_ Email Address: \_\_\_\_\_

**Licensee Contact Information:**

Contact Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Fax: \_\_\_\_\_ Email Address: \_\_\_\_\_

1. Complete the Outside Party Number Request Form, and fax it to the CSXT Roadmaster and Signal Manager, at the fax numbers provided below, at least thirty (30) days in advance of the date you desire to commence the project.
2. CSXT Roadmaster and/or the Signal Manager will obtain a CSXT Outside Party Number and arrange date(s) for flagging and/or locating CSXT signal facilities only.
3. If no response is received within one week after faxing this form, follow up by calling the Roadmaster's office at the telephone number provided below (ideally between the hours of 6:30 AM and 8:30 AM).

-----Any questions about the form should be faxed to 904-633-3450. -----

**CSXT Contact Information: TO BE COMPLETED BY CSXT**

ROADMASTER: \_\_\_\_\_

FAX: \_\_\_\_\_

PHONE: ( \_\_\_\_\_ ) \_\_\_\_\_

SIGNAL MGR: \_\_\_\_\_

FAX: \_\_\_\_\_

PHONE: \_\_\_\_\_

**NOTE:** CSXT Roadmasters and/or Signal Managers are to forward a completed Report of Flagging Form (4846F) to the Specialist Field Billing on a weekly basis.20071029000498150 5/5 \$23.50  
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10/29/2007 12:55:02PM FILED/CERT