I-85 Design-Build Project CSX Railroad Bridge at Conway Black Road

Spartanburg County, SC









PRELIMINARY UTILITY REPORT

JANUARY 2016



Civil Engineering Consulting Services, Inc.



PRELIMINARY UTILITY REPORT

- TO: Brad Reynolds, P.E., SCDOT Program Manager Derek Staton, P.E., Transystems
- FROM: Theresa Hodge, P.E., CECS
- DATE: December 14, 2015
- PROJECT: I-85 Design Build CSX Railroad Bridge over I-85 at Conway Black Project ID 0040692 Spartanburg County CECS 5414

SUMMARY OF UTILITY COORDINATION MEETIING

On October 14th, CECS held a joint utility coordination meeting with ICE to discuss the I-85 Design Build Project. This utility meeting was the regularly scheduled Spartanburg UCC meeting held at SCDOT Spartanburg Office located at 8890 Fairforest Road.

MEETING PURPOSE:

This meeting was scheduled to discuss with the Utility providers the upcoming I-85 Mile Marker 80-95 design build project and the associated CSX bridge replacement project which is part of the design build package.

Ms. Hodge had previously sent out information to Duke Energy, Spartanburg Water, AT&T and Piedmont Natural Gas on September 9th regarding the CSX bridge replacement design. All utility providers in the area of the CSX bridge replacement project were present at the October 14th meeting.

Fred Kicklighter and Gus Kretschmer (ICE - Design Build Prep Team) gave an overview of the I-85 design build project and requested that utility providers give additional information to the prep team regarding prior rights and estimated utility cost for relocations.

The following schedule was given:

January 2016 SCDOT advertise the project for Design Build October 2016 SCDOT awards the project

Ms. Hodge (CECS) noted that she was coordinating the effort with respect to the CSX bridge construction and that the construction of this bridge was to be the first item started with the design build project.

In order to facilitate the construction of the bridge, CECS would be requesting tentative relocation plans for this portion of the project.

She requested that this information be provided by mid-November.

After a lengthy discussion with all individual utility providers, the meeting adjourned.

Outstanding Issues for Utility Providers

- Determine prior rights
- Determine relocation corridors
- Provide information for SCDOT with respect to the CSX railroad conflicts only

INITIAL ASSESSMENT

<u>AT&T</u> Telephone

AT&T owns and maintains underground fiber lines along the left side (south bound side) of existing I-85. These fiber lines will not be in conflict with the construction of the new CSX railroad project. The lines will be in conflict with the proposed I-85 project.

AT&T also owns and maintains an aerial fiber line that crosses the CSX track at the existing Conway Black bridge. This line will be in conflict with the new proposed location of the CSX rail line.



AT&T does not claim prior rights.

<u>Charter</u> Telephone

Charter Communications is located in the vicinity of the project; however, they have no conflicts with the CSX project.

<u>Spartanburg Water</u> Water

Spartanburg Water owns and maintains a 16" water line along the left side of Dewberry Road. This line runs under the embankment of the existing CSX bridge between the abutment and the first bent. This line will be in conflict with the proposed CSX bridge.

Spartanburg Water does not claim prior rights.

Duke Energy - Transmission Electric

Duke Energy owns a 100kV transmission line that crosses I-85 at the CSX railroad. This line does not appear to be in conflict with the proposed CSX railroad construction. However, coordination with Duke needs to occur with respect to the proposed retaining walls for the bridge construction and the cul de sac with Conway Black Road.



Duke Energy has prior rights.

<u>Duke Energy - Distribution</u> Electric

Duke Energy owns distribution poles along the right side of I-85 (North Bound) from Station 885+00 to 893+00. At approximate Station 893+00 the line crosses the interstate to the left side of Dewberry Road near the CSX railroad bridge. There are three poles that are in conflict with the construction of the proposed CSX railroad bridge.

Duke Energy has partial prior rights on these poles.

Piedmont Natural Gas Gas

Piedmont Natural Gas has a 4" plastic and 8" steel high pressure line in the project area. Both of these lines are in conflict with the proposed construction of the CSX bridge. In addition to the lines, a substation site is located on the Auriga Polymers site.

Piedmont Natural Gas has partial prior rights.

STATUS OF RELOCATION PLANS

Due to the nature of this project (Design Build), relocation plans will be the responsibility of the selected Design Build Team. Since this project is federally funded, any work that is reimbursed by the SCDOT will need to comply with Buy America.

ESTIMATED COST FOR RELOCATING UTILITIES

The estimate of cost to SCDOT for relocating the utility conflicts, as shown below, is for "**INFORMATION ONLY**". Final costs will be submitted with the agreements. These costs do not include right-of-way acquisition costs.

UTILITY COMPANY	COST
AT&T	N/A
Piedmont Natural Gas	\$10,150,000*
Duke Energy Transmission	N/A
Duke Energy Distribution	\$50,000
Spartanburg Water	N/A
Charter	N/A
TOTAL	\$10,200,000

* Piedmont Natural Gas has claimed full prior rights. However, not all documentation was submitted for the entire route for prior rights. It is the opinion of the CECS that not all the gas line will qualify for reimbursement by the SCDOT. Estimated cost for prior rights information submitted would be approximately \$3,000,000 to \$5,000,000

RECOMMENDATIONS FOR EARLY RELOCATIONS

Spartanburg Water, Piedmont Natural Gas, and Duke Energy Distribution must relocate before bridge construction can begin on the north abutment and the 1st interior bent.

IN CONTRACT SERVICES

Not applicable.

UTILITY CONTACT INFORMATION

Gas	Telephone
Piedmont Natural Gas	AT&T
4720 Piedmont Row Drive	100 Belton Drive
Charlotte, NC 28210	Spartanburg, SC 29301
Jason Brown 704-731-4098 404-472-4808	864-573-4016
Jason.brown@piedmontng.com	mn5627@att.com
WATER	TELICS (ENGINEERS FOR AT&T)
Spartanburg Water	AT&T
175 North Liberty Street	810 DUTCH SQUARE CENTER
Spartanburg, SC 29306	COLUMBIA SC 29210
Kevin Smith 864-580-5649	GRIER MAGNUM: 803-462-4630 / 803-409-9905
Ksmith@ses-ssd.org	telicsroadmove@gmail.com
Power - Transmission	Telephone
Duke Energy	Charter
526 South Church Street	110 Commercial Road
Charlotte, NC 28202	Spartanburg, SC 29303
Jeremy Sabo 704-382-8396	Larry Camp 864-449-8850
Jeremy.sabo@duke-energy.com	Larry.camp@charter.com
Power - Distribution	
Duke Energy	
808 Duncan Reidville Road	
Duncan, SC 29334	
Stephen Ratliff 864-316-2748 Carlos Gittens (KCI) 864-252-0022	
Stephen.ratliff@duke-energy.com Carlos.Gittens@kci.com	

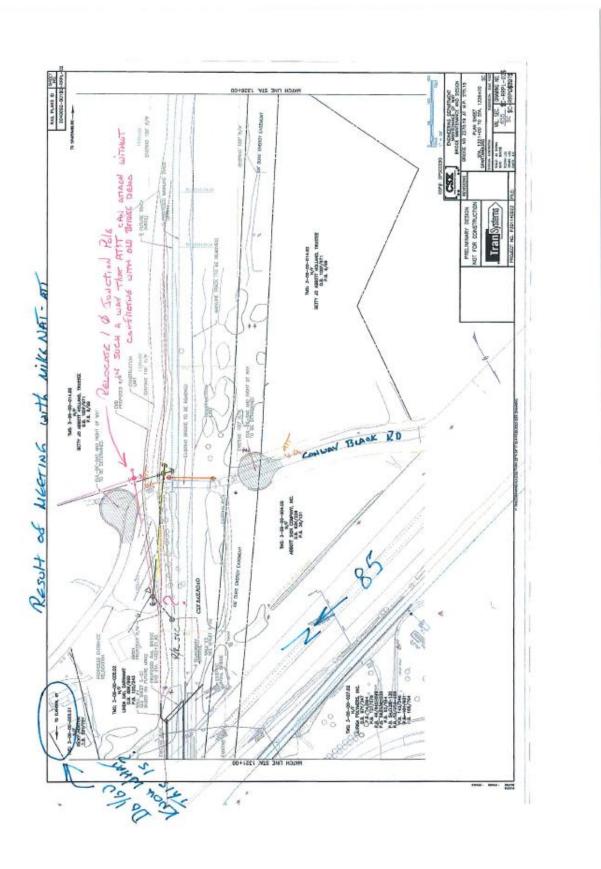
UTILITY RELOCATION ASSESSMENT FOR PROPOSED CSX BRIDGE I-85

<u>AT&T</u> Telephone

AT&T will leave their lines in place along the southbound side of I-85 for the CSX project. The lines will have to be relocated for the I-85 project.

AT&T will work with Duke Energy to relocate the pole on the north side of Conway Black to avoid the proposed realigned tracks for CSX. AT&T will remain aerial.

It is anticipated that work performed will be at "No Cost" to the SCDOT.



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<u>Charter</u> Telephone

Charter Communications has no conflicts with the CSX project.

3 Charter

December 23, 2015

Civil Engineering Consulting Service, Inc. 2000 Park Street Suite 201 Columbia SC 29201 ATTN: Theresa Hodge RE: I-85 CSX Bridge Replacement

Dear Theresa

Per our phone conversation regarding the CSX bridge replacement over I-85 at Conway Black Rd. we <u>should</u> not be effecting the new construction at that location. We currently do not have any line on either side of I-85 or Conway Black Rd.

With that being said please except this letter as Charter Communication No Conflict no cost letter.

Please feel free to call me at (864) 449-8850 or (864) 598-0817 if you need additional information.

Sincerely, Ċ Larry E. Camp

Construction Coordinator

<u>Spartanburg Water</u> Water

Spartanburg Water will relocate a portion of their 16" water line between Station 891+00 to 898+00. The new alignment will be approximately 4' inside the pavement on the left side of existing Dewberry Road. When crossing under the CSX bridge, the line will be 10 feet from the first interior bent toward I-85. The reason for the lengthy relocation is the fact that the new Dewberry Road will have a retaining wall located between Station 894+00 and Station 898+00.

It is anticipated that work performed will be at "No Cost" to the SCDOT.

THE COMMISSION OF PUBLIC WORKS OF THE CITY OF SPARTANBURG, SC

Linda P. Bilanchone Horace C. Littlejohn, Jr. John D. Montgomery

Sue G. Schneider, Chief Executive Officer Rebecca F. West, Chief Operating Officer G. Newton Pressley, Chief Financial Officer



SPARTANBURG SANITARY SEWER DISTRICT COMMISSION

Barbara J. Barnes Linda P. Bilanchone Louie W. Blanton Horace C. Littlejohn, Jr. A. Manning Lynch, Jr. John D. Montgornery Junie White

December 11, 2015

Ms. Theresa H. Hodge, P. E. Director of Utilities Civil Engineering Consulting Services, Inc. 2000 Park Street Suite 201 Columbia, SC 29201

Re: I-85 Widening Water Relocations Spartanburg Water Project No: W150411 CSX Railroad Conflicts

Dear Ms. Hodge:

Please accept this letter as notification of Spartanburg Water's intent to relocate the existing 16" waterline under the CSX Railroad at the Auriga Polymer site, as shown on the attached sketch. The relocation at the proposed location is contingent upon the approval of the SCDOT, CSX, and other utilities in the area, as well as any available relocation options outside of the SCDOT right-of-way in this area. Spartanburg Water also intends to verify the location and depth of the 16" waterline by potholing, thereby allowing the actual location of the waterline in this area to be shown on the railroad bridge/I-85 widening plans.

Sincerely,

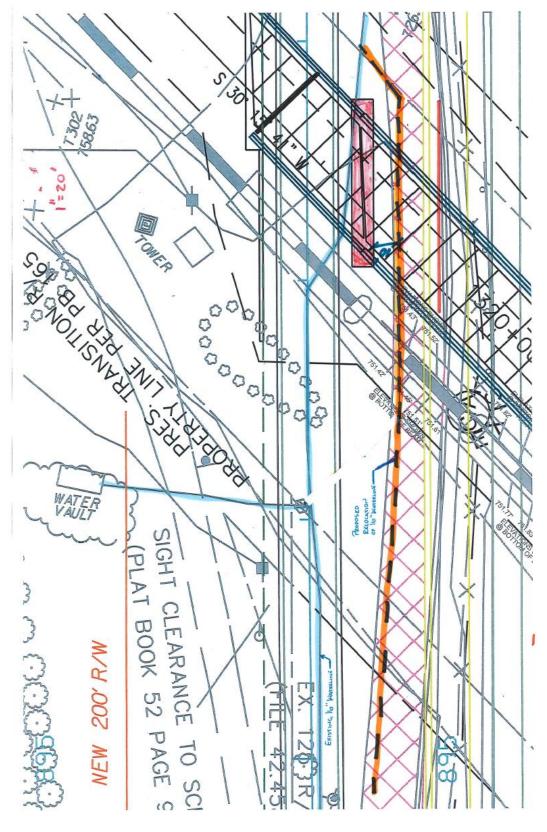
SPARTANBURG WATER

Kevin D. Smith, P.E.

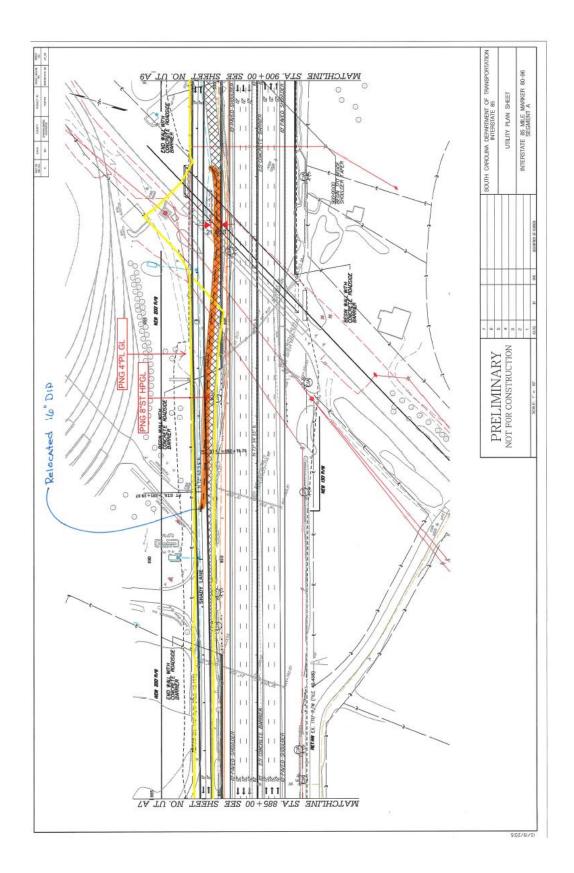
Project Engineer

Enclosures: As noted

P.O. Box 251 • Spartanburg, SC 28304 200 Commerce Street • (864) 583-7361 (Business Office) • (864) 585-9142 (Engineering) • (864) 582-6375 (Customer Service) Equal Opportunity Employer • www.spartanburgwater.org



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Duke Energy - Transmission Electric

The Duke Energy Transmission line does not appear to be in conflict with the proposed CSX railroad construction. However, coordination with Duke needs to occur with respect to the proposed retaining walls for the bridge construction and the cul de sac with Conway Black Road.

The selected Design Build Contractor should coordinate.

Theresa Hodge

From: Sent: To: Cc: Subject: Attachments: Sabo, Jeremy M [Jeremy.Sabo@duke-energy.com] Wednesday, November 18, 2015 7:14 AM 'hodgeth@cecsinc.com' Hurst, Roger D SCDOT I-85 MM 80-96 at CSX Crossing. image001.jpg

Theresa,

After review it has appears that the Hystron 100kV Duke Transmission line that crosses I-85 at the CSX crossing near Exit 80 will should not be in conflict. This is as long as all construction will be on the north side of the current RxR bridge. Please respond to this email confirm this. Also please let me know if you know of any potential conflicts in the future on this project.

Thanks Jeremy

Jeremy Sabo

Carolinas West Transmission Line Engineering Office: 704-382-8396 Jeremy.Sabo@duke-energy.com www.duke-energy.com

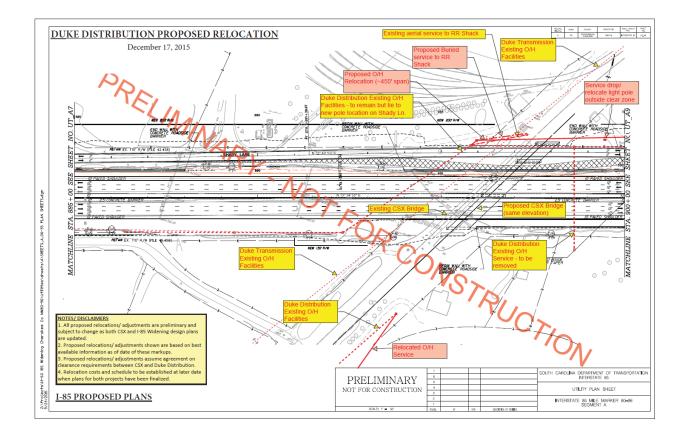


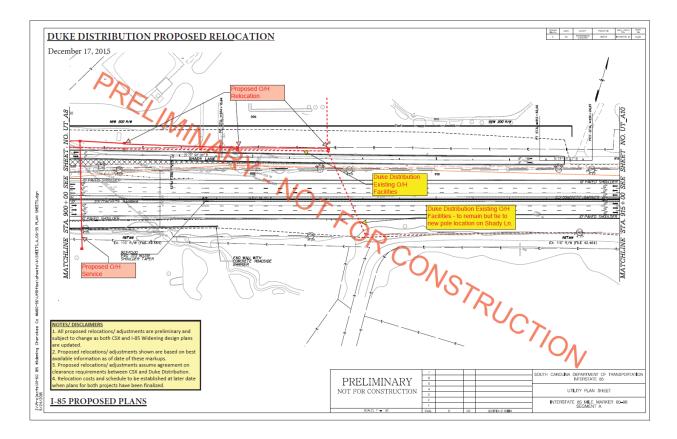
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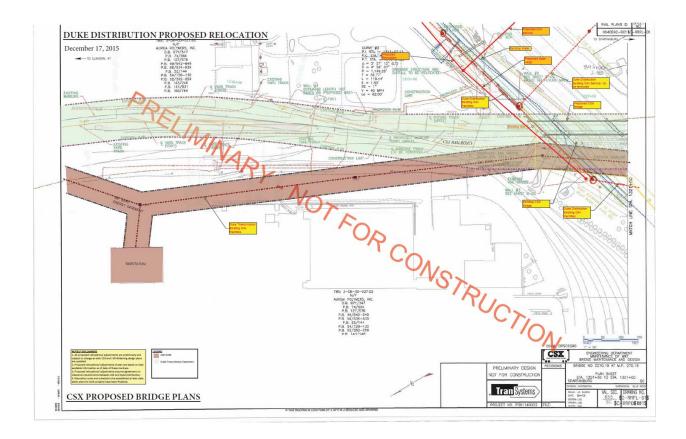
Duke Energy - Distribution Electric

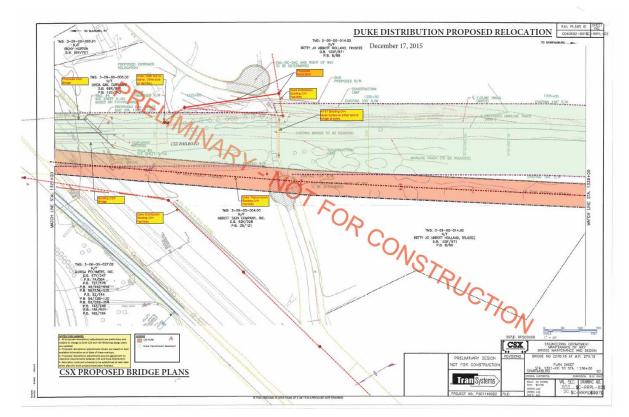
Duke Energy has three poles that are in conflict with the proposed CSX bridge construction. Two options were evaluated for constructability by Duke. The preferred option is the longer span location which would pull the distribution lines away from the bridge construction.

In addition, Duke will need to set a new pole at the north cul de sac of Conway Black Bridge to serve as the pole for the aerial crossing for AT&T.









<u>Piedmont Natural Gas</u> Gas

Piedmont Natural Gas has a 4" plastic distribution and 8" steel high pressure line in the project area. Both these lines are in conflict with the proposed construction of the CSX bridge and associated wing walls. In addition to the lines, a substation site is located on the Auriga Polymers site.

Piedmont Natural Gas (PNG) has partial prior rights, based on the information provided. Prior rights were established for the 8" line along I-85 from the railroad crossing to the Pacolet River and for the substation site on the Auriga Polymer Site.

PNG has proposed to relocate both the high-pressure line and the distribution on new alignment. This relocation, in the opinion of CECS, is not totally necessary due to the I-85 project nor the CSX bridge relocation. The high pressure gas main running west from the Substation site to S-57 does not appear to have prior rights. Therefore, portions of this relocation should be funded by PNG. Based on CECS's review of the relocation, CECS would estimate that approximately \$3,000,000-\$5,000,000 would be the cost of the SCDOT portion of the necessary relocation.



Jason A. Brown Engineering Project Manager 4720 Piedmont Row Drive Charlotte, NC 28210

December 22, 2015

Theresa H. Hodge, P.E. Director of Utilities Civil Engineering Consulting Services, Inc. 2000 Park Street, Suite 201 Columbia, SC 29201

Subject: SCDOT Interstate 85 Segment A & Conway Black Railroad Piedmont Natural Gas Pipeline Relocation Spartanburg, SC

Dear Ms. Hodge,

Please see the estimate below for the relocation of Piedmont Natural Gas (PNG) facilities located adjacent to I-85 and Conway Black Railroad. See attached drawings for details on relocation.

This estimate is +/- 30%, there would be a true up to actual costs with SCDOT upon completion of the work.

Activity	Pipeline Total	Station Total
Internel Gryineering & Construction Newsgement	\$300,300.00	\$338,000.00
Enamal Engineering	\$300,000.00	\$169,000,00
Land Services	5450,000,00	\$18,000,01
Construction Services - Pipelice	\$5,150,030.00	\$55:,000,00
Field Inspection & Testing	\$1,656,030.05	899,001.03
Mjar Equipment & Maleriats	\$1,150,030,00	\$355,000.00
Serb Torky	58,500,000.00	\$1,560,000.00
Total Project Cost +/- 30%	State of the second	\$10,150,000.00

P.C. Box 33058 • Charlotte, North Carolina 28233 pledmonthg.com



Due to the new proposed railroad trestle and the widening of SCDOT right-of-way along I-85 the relocation of this 8" pipeline was proposed around the north side of the Auriga Polymers. The existing 8" pipeline that runs parallel to I-85 and the Auriga Polymers metering station are both on PNG easements. See attached agreements for details.

If you have any questions please feel free to contact me at 704-731-4681 or jason.brown@piedmontng.com.

Sincerel Jason A

Attachments:

- 1. Agreement 379 SPAR 032_000
- 2. Agreement 379-5PAR-033_000
- 3. PNG Drawing Line 379 Relocation

P.O. Box 33068 + Charlotte, North Caroline 28233 piedmonting.com

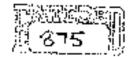
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	379-SPAR-032_000 STATE OF SOUTH CAROLINA	RIGHT OF WAY AGREEMENT	2-8 PK 2 MADUS 0	<u>osóri</u>

COUNTY OF SPARTANBURG

Know all men by these presents that for and in consideration of the sum of \$10.00 and other valuable considerations, paid to Horcules Fowder Company, a Delaware corporation with offices at Hercules Tower, 910 Market Street, Wilmington, Delaware, 19899 (hereinafter designated Grantor), the receipt of which is hereby acknowledged, the Grantor hereby bargains, sells and conveys unto Pledmont Ratural Gas Company, Inc., (hereinafter designated Grantes), and its successors and assignees, upon the terms and conditions herein contained, a right-of-way ton (10) fest is width, five (5) fest on each side of a centerline hereinafter described, and easement for the purposes of laying constructing, maintaining, operating, repairing, altering, replacing and refl moving a pipe line (with valves, regulators, meters, fittings, appliances, tic-overs, pipe line markers, corresion control equipment, and appurterant facilities) for the transportation of gas under, through and across a portion of lands of Grantor situate in School District No. 3, Spartanburg County, South Carolina, conveyed to Grentor by the dred recorded in Book 31G, page 572, in the office of the Registrar of Meane Conveyances of Spartaneourg County, and $\frac{13}{12}$ described as Tracts numbers 1, 1A, 3 and 4 according to plat recorded in Flat Book 49 Pages 642 through 649 of the R. M. C. Office of Spartanburg County, 50 South Carolina; the centerline of seid right of way and easement being situate at and along the location on said lands of Grantor shown in red on Exhibit "A" dated October 25, 1965, attached bareto and by this reference made a part hereof;

Tegether with the right of way and easement to construct, maintain,

operate, repair, alter, replace or remove and enclose with a funce, a meter



station, thirty-five feet by twenty-five feet in dimension, on the surface of Grantor's lands at the location shown on said Exhibit "A";

• • •

Together with the right of ingress and egress to and from the area epecifically powered by this grant of essement over and across Granter's lands within said area, Granter's plant entrance read and other lands of Granter adjacent to the westerly line of said plant entrance read;

Together with the right from time to time to cut all trees, branches and undergrowth on Grantor's lands that may injure, endanger or interfere with the construction, operation, maintenance and repair of said pipe line.

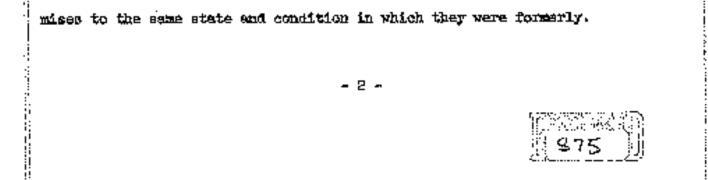
To have and to hold said right of way and essenant unto said Grantee, its successors and assigns, until said pipe line be constructed and so long thereafter as such pipe line is maintained upon said land, unless this agreement be sooner terminated as hereinafter provided.

(grantee agrees to bury all pipes to a minimum covered depth of thirtysix (36) inches below the surface of the ground so as not to interfere with cultivation of the soil or construction or improvements on Grantor's lands.

Grantee further agrees not to install any above ground facilities without the prior written permission of Grantor.

Grantee further agrees to pay for all damages as may arise to growing crops, timber, fences, roads, pipe lines and other property from the construction, maintenance and operation of said pipe line and Grantee agrees to reseed the area damaged by the installation of said pipe line, meter station and facilities.

After the construction of said pipe line and after making any repairs to the same, Grantee shall, at no expense to Grantor, promptly return the pre-



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Grantes shall perform all work in a careful and workmanlike manner and shall keep its pipe line, meter station and other facilities on Grantor's lands in good condition and repair. Said pipe line and meter station and other facilities of Grantes shall be constructed on Grantor's lands and thereafter maintained and operated in such manner as to cause an interference with or obstruction to the use of access and plant roads to and upon Grantor's lands and premises and to cause no interruption or impairment of water, electric power, telephone ar other utility services for Grantor's lands and presises.

This agreement and the rights hereby granted to Grantee are made subject to essements, licenses and any rights of use or occupation, if any, existing at the date hereof.

Grantor hereby reserves to itself, its successors and assigns, all rights fully to use and enjoy the lands and premises covered by the right of way and easement herein granted to Grantee, including, but not limited to, the right to erect, construct, maintain, inspect, operate, use, replace, repair, remove and patrol roads, welks, streets, ferces, pipe lines, utility lines, process lines, sovers, drainage ditches and railways and otherwise use said lands and premises, provided such use shall not substantially interfere with the rights hereis granted to Grantee, and provided further that Grantor shall not construct nor permit to be constructed any permenent building on or over the right of way and easement herein granted to Grantee's pipe line in any manner that will reduce the depth of said pipe line to less than the aforesaid minimum covered depth of thirty-six (36) inches.

If at any time during the period this agreement and the rights hereby granted to Grantee are in effect, Grantor should require the removal or relocation of the pipe line, meter station or other facilities of Grantee on the lands of Granter, Grantee will, at Grantor's request and at the expense of $-3 - \frac{3}{575}$

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Grentor, remove and relocato Grantee's pipe line, mater station and other facilities as may be affected, provided Granter shall furnish a suitable right of way for the new location. The terms and conditions of this agreement shall then apply to the pipe line, mater station and other facilities in their new location or locations on Granter's lands.

In the event Grantes shall discontinue for a continuous period of one year the use of said pipe line or mater station or shall, for the same period, abanden the same, or shall fail to keep, observe and perform any covenant on its part herein contained, all nights hereby granted shall forthwith cease and terminate and Grantee shall, at its own cost and expense, thereupon remove said pipe line and mater station and restors said presises to the same state and condition they were in prior to the construction of said pipe line and mater station. Should Grantee in such event fail, neglect or refuse to remove said pipe line or mater station, such removal may be performed by Grantor at the expense of Grantee, which expense Grantee agrees to pay Grantor upon demand.

Grantee agrees that no delay on the part of Grantor in enforcing any of the conditions or covenants of this agreement or in terminating or revoking this agreement shall be construed to be or operate as a waiver of any of the righte of Grantor beremader.

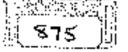
In using Grantor's land and in entering and continuing thereas, Grantee assumes all risk of damage to or loss of its property howevever caused and agrees that Grantor shall not be ligble for any loss or damage therets.

Crantee dees hereby agree to indemnify and save harmless Granter from and against any and all suits, actions, agreements or demands whatsoever brought or asserted against Granter founded upon or arising out of the construc-

tion, repair, maintenance, use, operation or existence of Grantes's pipe line,

meter station or other facilities on Grantor's land, provided that written no-

tice thereof is given Grantee within reasonable time after the ascertion or



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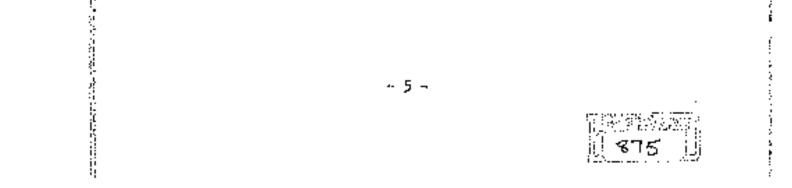
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ų į commencement thereof, which time shall not exceed such period as does not prejudice the ability of Grantee to investigate such claim or defend such action.

Grantee shall not transfer, assign or sublet this agreement or any right conferred by it without the prior written consent of Grantor, which concent shall not be unreasonably withheld.

This agreement shall enure to the benefit of and he binding upon Granter and Grantee and, except as otherwise stipulated herein, their respective successors and essigns.

IN WITNESS WHEREAF this instrument is signed and sealed this 120000 day of Nove MBER, 1964. 7 WINESSES: BERCULES FONDER COMPANY 3ee1) Lee iXo. Ву Crotary. ALEAN AND A PIETRIONT NATURAL , CAS COMPARY, INC. (Seal) Βу Preside: الريغ يعيدن Secretary 1-33986 Кепл isansial Casaval Pledmonic Andurol Res Demands, Intel

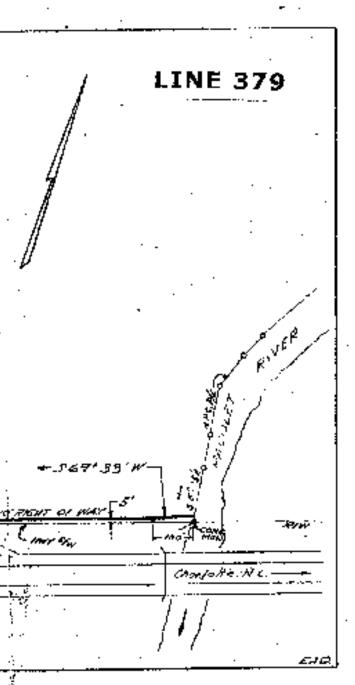


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на ана оно**324** рад 565 г. STATE OF DELAMARE COUNTY OF NEW CASTLE Personally appeared before me <u>detatestatestatestates</u> who being duly sworn says that he saw <u>J.R.J. Jacob March and</u> 8.6 Vice President of Hercules Powder Company and <u>E.C. 2787877</u> as Assistant Secretary of said corporation, sign, affir the corporate seal and as the act and deed of caid corporation deliver the foregoing instrument for the purposes therein mentioned and that the with Second states Advantages witnessed the execution thereof. Swoin to before me this 12 day of NovenBar, 1965. a Chinlett Currenty (Vitteess) Notary Postic of Delayare STATE OF YASIA Cardina. COURTY OF W Jacks a heregy Personally appeared before me 85 <u>Secretary of said corporation, sign,</u> affix the corporate seal and as the sot and deed of said corporation deliver the forogoing instrument for the purposes therein mentioned and that he with Above 12 Wang the witnessed the execution thereof. Sedin 46 bafare me this (Witness) 2 phill range of the or andered , 19/25. The adotted of the former of gothry Public of I rty Oscientkriou Expires April 22, 1967 STATE OF SOUTH CAROLINA COURT OF COMMON PLEAS SPARTANEURG COUNTY I certify that this instrument was filed for record in my office at o^{*}clock <u>M.</u> on the <u>day</u> of <u>19</u> and recorded on Fage <u>c</u> Book No. <u>in my office.</u> ___ of Witness my signature and seal of office this _____ day of _____ 19____.



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379-SPAR-033 000 RIGHT OF WAY AGREEMENT Line 379 STATE OF SOUTH CAROLINA \$ 36686 COUNTY OF SPARTANBURG

RECORDE KNOW ALL NEW BY THESE PRESENTS THAT FOR AND IN CONSIDERATION 35 OF THE SUM OF \$10.00 AND OTHER VALUABLE CONSIDERATIONS, PAID TO HYSIRON FIBURS, INC. (HEREINAFTER DESIGNATED GRANTOR). THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED, THE GRANTOR MEREBY BARGAINS, SELLS, AND CONVEYS UNTO FIEDMONT NATURAL GAS COMPANY, INC., (HEREINAFTER DESIGNATED GRANTEE), AND ITS SUCCESSORS AND ASSIGNEES, UPON THE TERMS AND CONDITIONS HEREIN CONTAINED, A RIGHT OF WAY TEN (10) FEET IN WIGTH, FIVE (5) FEET ON EACH SIDE OF A CENTERLINE HEREINAFTER DESCRIDLD, AND EASEMENT FOR THE PURPOSES OF LAVING, CONSTRUCTING, MAINTAINING, OPERATING, REPAIRING, ALTERING, REPLACING AND REMOVING A PIPE LINE (WITH VALVES, REGULATORS, METERS, FITTINGS, APPLIANCES, TIE-OVERS, PIPS LINE MARKERS, CORROSION CONTROL EQUIPMENT. AND APPURTEMANT FACILITIES) FOR THE TRANSPORIATION OF GAS UNDER, THROUGH AND ACROSS A POSTION OF LANDS OF GRANTOR SITUATE IN SCHOOL DISTRICT. NO. 3. SPARTANBURG COUNTY, SUBTH CAROLINA, CONVEYED TO GRANTOR DY THE DEED RECORDED IN BOOK 32X, PAGE 345, IN THE OFFICE OF THE REGISTRAR OF MESNE CONVEYANCES OF SPARTANBURG COUNTY, AND DESCRIBED AS TRACTS NUMBERS 15 AND 16 ACCORDING TO PLAT RECORDED IN PLAT BOOK 52, PAGES 252 THROUGH 259 OF THE R. M. C. OFFICE OF SPARTANBURG $\langle q \rangle$ COUNTY, SOUTH CARCLINA; THE CENTERLINE OF SAID REGHT OF WAY AND EASEMENT BEING SITUATE AT AND ALONG THE LOCATION ON SAID LANDS OF GRANFOR SHOWN IN RED ON EXHIBIT "A" DATED NOVEMBER 10, 1966 ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF;

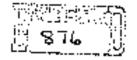
TOGETHER WITH THE RIGHT OF WAY AND EASEKENT TO CONSTRUCT.

MAINTAIN, OPERATE, REPAIR, ALTER, REPLACE OR REMOVE AND ENCLOSE WITH

A FENCE, A STATION, TO SERVE HYSTRON FIBERS, INC., TO ODORIZE GAS, TO ÷

REDUCE GAS PRESSURE FOR DISTRIBUTION SYSTEM AND TO SERVE THE AREA TO

THE BEST ADVANTAGE.



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THIS STATION FORTY FEET BY FORTY FEET IN DIMENSION ON THE SURFACE OF GRANTOR'S LANDS AT THE LOCATION SHOWN ON SALD EXHIBIT "A".

TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS TO AND FROM THE AREA SPECIFICALLY COVERED BY THIS GRANT OF EASEMENT OVER AND ACROSS GRANTOR'S LANDS WITHIN SAID AREA, GRANTOR'S PLANT ENTRANCE ROAD AND OTHER LANDS OF GRANTOR ADJACENT TO THE EASTERLY LINE OF SAID PLANT ENTRANCE ROAD;

TOGETHER WITH THE RIGHT SROW FIME TO TIME TO CUT ALL TREES, BRANCHES AND UNDERGROWTH ON GRANTOR'S LANDS THAT MAY INJURE, ENDANGER OR INTERFERE WITH THE CONSTRUCTION, OPERATION, #AINTENANCE AND REPAIR OF SAID PIPE LINE.

TO HAVE AND TO HELD SAID RIGHT OF WAY AND EASEMENT UNTO SAID GRANTEE, ITS SUCCESSORS AND ASSIGNS, UNTIL SAID PIPE LINE BE CONSTRUCTED AND SO LONG THEREAFTER AS SUCH PIPE LINE IS MAINTAINED UPON SAID LAND, UNLESS THIS AGREEMENT BE SOONER TER-MINATED AS HERLINAFTER PROVIDED.

GRANTEE AGREES TO BURY ALL PIPES TO A MININUM COVERED DEPTH OF THIRTY-SIX (36) INCHES BELOW THE SURFACE OF THE GROUND SO AS NOT TO INTERFERE WITH CULTIVATION OF THE SOIL OR CONSTRUCTION OR EMPROVEMENTS ON GRANTOR'S LANDS.

GRANTEE FURTHER AGREES NOT TO INSTALL ANY ABOVE GROUND (ACILITIES WITHOUT THE PRIOR WRITTEN PERMISSION OF GRANTOR.

GRANTEE FURTHER AGREES TO PAY FOR ALL DAMAGES AS MAY ARISE TO GROWING CROPS, TIMBER, FENCES, ROADS, PIPE LINES AND OTHER PROPERTY FROM THE CONSTRUCTION, MAINTENANCE AND OPERATION OF SAID PIPE LINE AND GRANTES AGREES TO RESEED THE AREA DAMAGED

SY THE INSTALLATION OF SAID PIPE LINE, METER STATION AND FACILITIES,

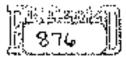
AFTER THE CONSTRUCTION OF SAID PIPE LINE AND AFTER

MAKING ANY REPAIRS TO THE SAME, GRANIEC SHALL, AT NO EXPENSE TO

GRANTOR, PROMPTLY RETURN THE PREMISES TO THE SAME STATE AND CON-

DITION IN WHICH THEY WERE FORMERLY,





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GRANTEE SHALL PERFORM ALL WORK IN A CAREFUL AND WORK-MANLIKE MANNER AND SHALL KEEP ITS PIPE LINE, METER STATION AND OTHER FACILITIES ON GRANTOR'S LANDS IN GODD CONDITION AND REPAIR. SAID PIPE LINE AND METER STATION AND OTHER FACILITIES OF GRANTES SHALL BE CONSTRUCTED ON GRANTOR'S LANDS AND THEREAPTER MAINTAINED. AND OPERATED IN SUCH MANNER AS 10 CAUSE NO INTERFERENCE WITH OR OBSTRUCTION TO THE USE OF ACCESS AND PLANT ROADS TO AND UPON. GRANTOR'S LANDS AND PREMISES AND TO CAUSE NO INTERRUPTION OR IMPAIRMENT OF WATER, ELECTRIC POWER, TELEPHONE OR OTHER STILLTY SERVICES FOR GRANTOR'S LANDS AND PREMISES.

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THIS AGREEKENT AND THE RIGHTS HEREBY GRANTED TO GRANTEE. ARE MADE SUBJECT TO EASEMENTS, LICENSES AND ANY RIGHTS OF USE OR OCCUPATION, IF ANY, EXISTING AT THE DATE HEREOF,

GRANTOR HEREBY RESERVES TO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL RIGHTS FULLY TO USE AND ENJOY THE LANDS AND PREMISES. COVERED BY THE RIGHT OF WAY AND EASEMENT HEREIN GRANTED TO GRANTEE, INCLUDING, BUT NOT LIMITED TO, THE RIGHT TO ERECT, CONSTRUCT, MAINTAIN, INSPECT, OPERATE, USE, REPLACE, REPAIR, REMOVE AND PATROL ROADS, WALKS, STREETS, FENCES, PIPE LINES, UTILITY LINES, PROCESS LINES, SEWERS, DRAINAGE DITCHES AND RAILWAYS AND OTHERWISE USE SAID LANDS AND FREMISES, PROVIDED SUCH USE SHALL NOT SUB-STANTIALLY INTERSERE WITH THE RIGHTS HEREIN GRANTED TO GRANTES, AND PROVIDED FURTHER THAT GRANTOR SHALL NOT CONSTRUCT NOR PERHIT TO BE CONSTRUCTED ANY PERMANENT BUILDING ON OR OVER THE RIGHT OF WAY AND EASEMENT HEREIN GRANTED TO GRANTES. GRANTOR FURTHER AGREES NOT TO CHANGE THE GRADE OVER GRANTEE'S PIPE LINE IN ANY. MABNER THAT WILL REDUCE THE DEPTH OF SAID PIPE LINE TO LESS THAN THE AFORISAID MINIMUM COVERED BEPTH OF THIRTY-SIX (36) INCHES.

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ST ANY FIME DURING THE PERIOD THIS AGREEMENT AND THE RIGHTS HEREBY GRANTED TO GRANTEE ARE IN EFFECT, GRANTOR SHOULD REQUIRE THE REMOVAL OR RELOCATION OF THE PIPE LINE, METER STATION OR OTHER FACILITIES OF GRANTEE ON THE LANDS OF GRANTOR. GRANTEE WILL, AT GRANTOR'S REQUEST AND AT THE EXPENSE OF GRANTOR. REMOVE AND RELOCATE GRANTEE'S PIPE LINE, METER STATION AND OTHER - 3 -

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FACILITIES AS MAY BE AFFECTED, PROVIDED GRANTOR SHALL FURNISH A SUFTABLE RIGHT OF WAY FOR THE NEW COCATION. THE TERMS AND CONDITIONS OF THIS AGREEMENT SHALL THEN APPLY TO THE PIPE LINE, METER STATION AND OTHER SACILITIES IN THEIR NEW LOCATION OR LOCATIONS ON GRANTOR'S LANDS.

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IN THE EVENT GRANTEE SHALL DISCONTINUE FOR A CONTINUOUS PÉRIOD OF ONE YEAR THE USE OF SAID PIPE LINE OR MEYER STATION OR SHALL, FOR THE SAME PERIOD, ABANDON THE SAME, OR SHALL FAIL TO KEEP, OBSERVE AND PERFORM ANY CONVENANT ON ITS PART HEREIN CON-TAINED, ALL REGHTS HEREPY GRANTED SHALL FORTHWITH CEASE AND TER-MINATE AND GRANTEE SHALL, AT ITS OWN COST AND EXPENSE, THEREDOON REMOVE SAID PIPE LINE AND METER STATION AND RESTORE SAID PREMISES TO THE SAME STATE AND CONDITION THEY WERE IN PRIOR TO THE COM-STRUCTION OF SAID PIPE LINE AND METER STATION. SHOULD GRANTEE IN SUCH EVENT FAIL, NEGLECT OR REFUSE TO REMOVE SAID PIPE LINE OR METER STATION, SUCH REMOVAL MAY BE PERFORMED BY GRANTOR AT THE EXPENSE OF GRANTEE, WHICH EXPENSE GRANTEE ABREES TO PAY GRANTOR UPCN DERAND.

GRANTCE AGREES THAT NO DELAY ON THE PART OF GRANTOR IN ENFORCING ANY OF THE CONDITIONS OR COVEMANTS OF THIS AGREEMENT OR IN TERMINATING OR REVOKING THIS AGREEMENT SHALL BE CONSTRUED TO BE OR OPERATE AS A WAIVER OF ANY OF THE RIGHTS OF GRANTOR HEREUNDER.

IN USING GRANTOR'S LAND AND IN ENTERING AND CONTINUING THEREON, GRANTEE ASSUMES ALL RISK OF DAMAGE TO OR LOSS OF ITS PROPERTY HOWSOEVER CAUSED AND AGREES THAT GRANTOR SMALL NOT BE

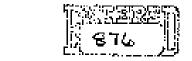
LIABLE FOR ANY LOSS OR DAMAGE THERETO.

GRANTER DOES HEREBY AGREE TO INDEMNIFY AND SAVE HARM-

LESS GRANTOR FROM AND AGAINST ANY AND ALL SUITS, ACTIONS, AGREE-

MENTS OR DEMANDS WHATSOEVER BROUGHT OR ASSERTED AGALASI GRANTOR

FOUNDED UPON OR ARISING OUT OF THE CONSTRUCTION, REPAIR, MAIN-



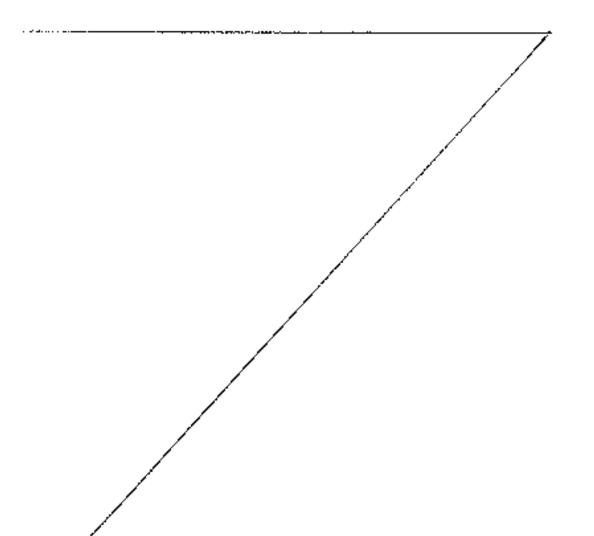
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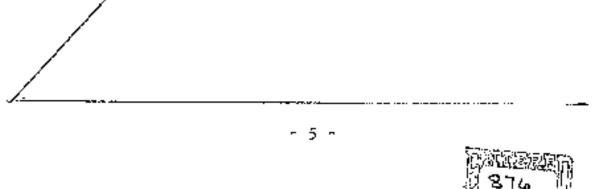
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GRANTEE SHALL NOT TRANSFER, ASSIGN OR SUBLET THIS AGREEMENT OR ANY RIGHT CONFERRED DY IT WITHOUT THE PRIOR WRITTEN Consent of GRANYOR, WHICH CONSENT SHALL NOT BE UNREASONABLY WITHHELD.

THIS AGREEMENT SHALL ENURE TO THE BENEFIT OF AND BE BINDING UPON GRANTOR AND GRANTEL AND, EXCEPT AS OTHERWISE STIPULATED HEREIN, THEIR RESPECTIVE SUCCESSORS AND ASSIGNS.





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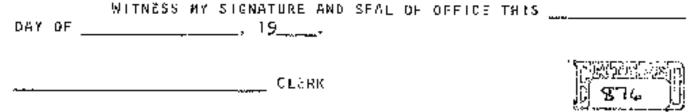
IN WITNESS WHEREOF THIS INSTRUMENT IS SIGNED AND SEALED THIS SHOW DAY OF DECEMBER, 19 6.6. 1 WITNESSES: HYSTRON FIBERS, INCORPORATED Idine U. Closes BY: ice President_: alice H. M. BY: And ATALF SECRETARY 12 - 11년 PLEOMORT NATURAL GAS C OMPANY, ANGO (SEAL) BY: <u>Dachara</u> PRESIDENT ΒŶ; SECRETARY &PPRCVED itenseit M. Britt Charter feet of Paging as before the closer of http:

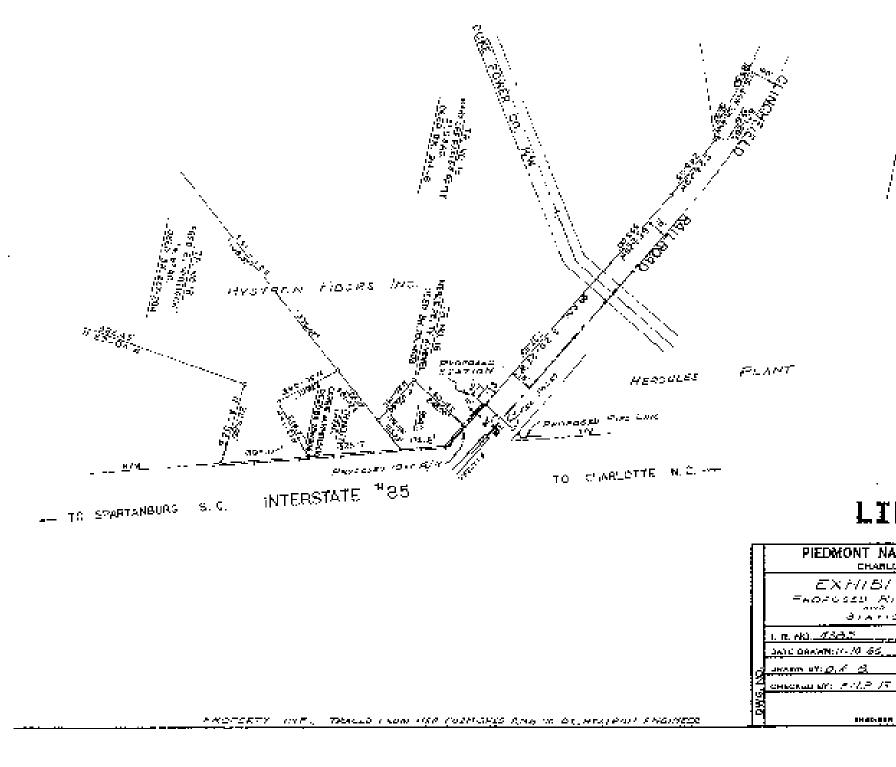
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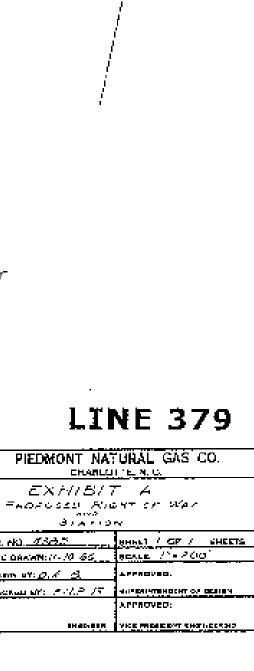
STATE OF DELAWARE

COUNTY OF NEW CASTLE

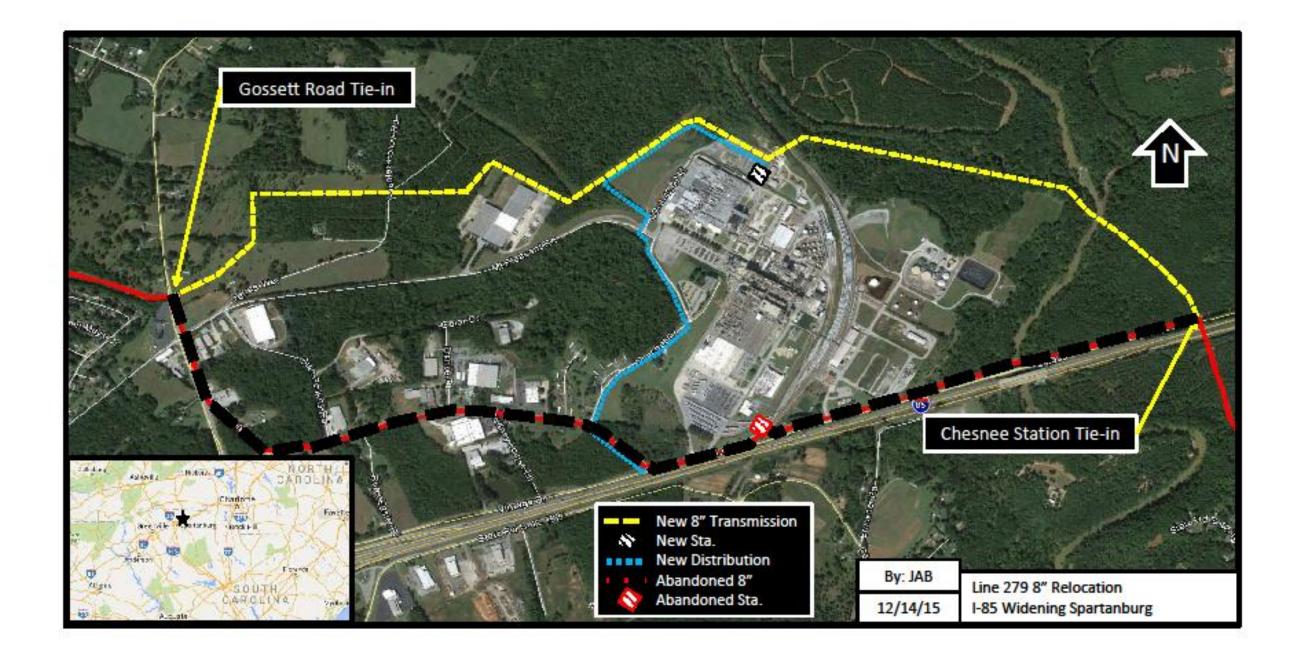
PERSONALLY APPEARED BEFORE MF (LEVALA WHO BEING DULY SWORN SAYS THAT SHE SAW 🏵 ЖŜ President _____ OF HYSTRON FREERS, INC. AND S.F. Bulland AS ______ OF SAID CORPORATION, SIGN, AFFIX THE CORPORATE SEAL AND AS THE ACT AND DEED OF SAID CORPORATION DELIVER THE FOREGOING INSTRUMENT FOR THE PURPOSES THEREIN MENTIONED AND THAT SHE WITH Click of mononay WITNESSED THE EXECUTION gine di Santa S SWORN TO BEFORE ME THIS SWORN TO BEFORE ME THIS WORN OF DEPARTMENT, 1968. (WITNESS) Stores & WOTARY PUBLIC OF DELAWARE 789 Schimission Expires Sept. 23, 1967 STATE OF NORTH CAROLINA COUNTY OF MECKLENBURG PERSONALLY APPEARED SEPORE ME ZOncy ΛS SECRETARY OF SAID CORPORATION, B. Camatring AS SIGN, AFFIX THE CORPORATE SEAL AND AS THE ACT AND DEED OF SAID CORPORATION DELIVER THE FOREGOING INSTRUMENT FOR THE PURPOSES THEREIN MENTIONED AND THAT HE WITH Backson Gamelen WITNESSED THE EXECUTION THEREOF. EXECUTION THEREOF. KDRN YU°₿ĒŘĢR世 ME THIS BAY OF <u>reference</u>, 1967. <u>Letter 20 Contract 201</u> (WITNESS) NCTARY PUSEIC (h. Jonerrichen Preiser Kanil 10 (1652) STATE OF SOUTH CAROLINA COURT OF SPARTANSURG COUNTY COMMON PLEAS I CORTIFY THAT THIS INSTRUMENT WAS FILED FOR RECORD IN MY OFFICE AT _____ O'CLOCK _____M, ON THE _____ DAY OF , 19____ AND RECORDED ON PAGE _____ OF ____ BOOK NO. IN MY OFFICE,



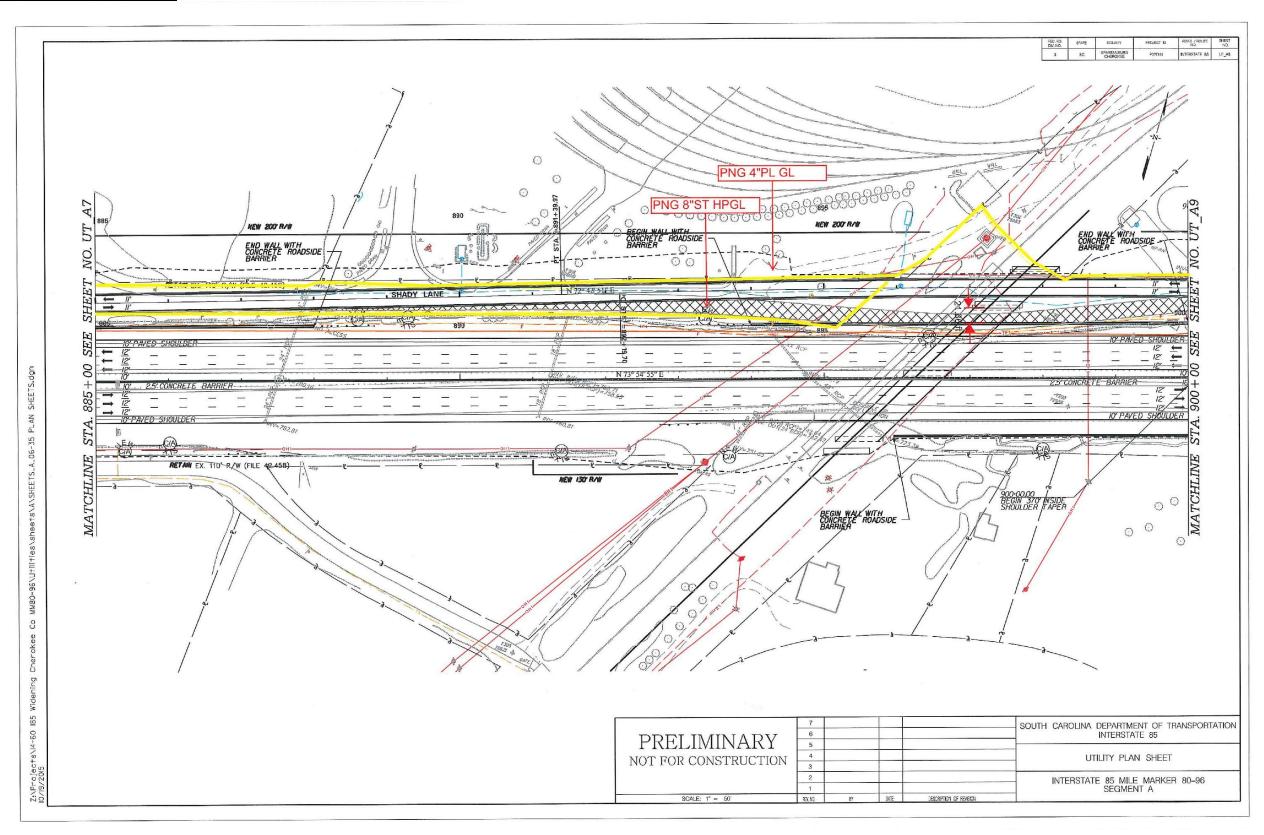




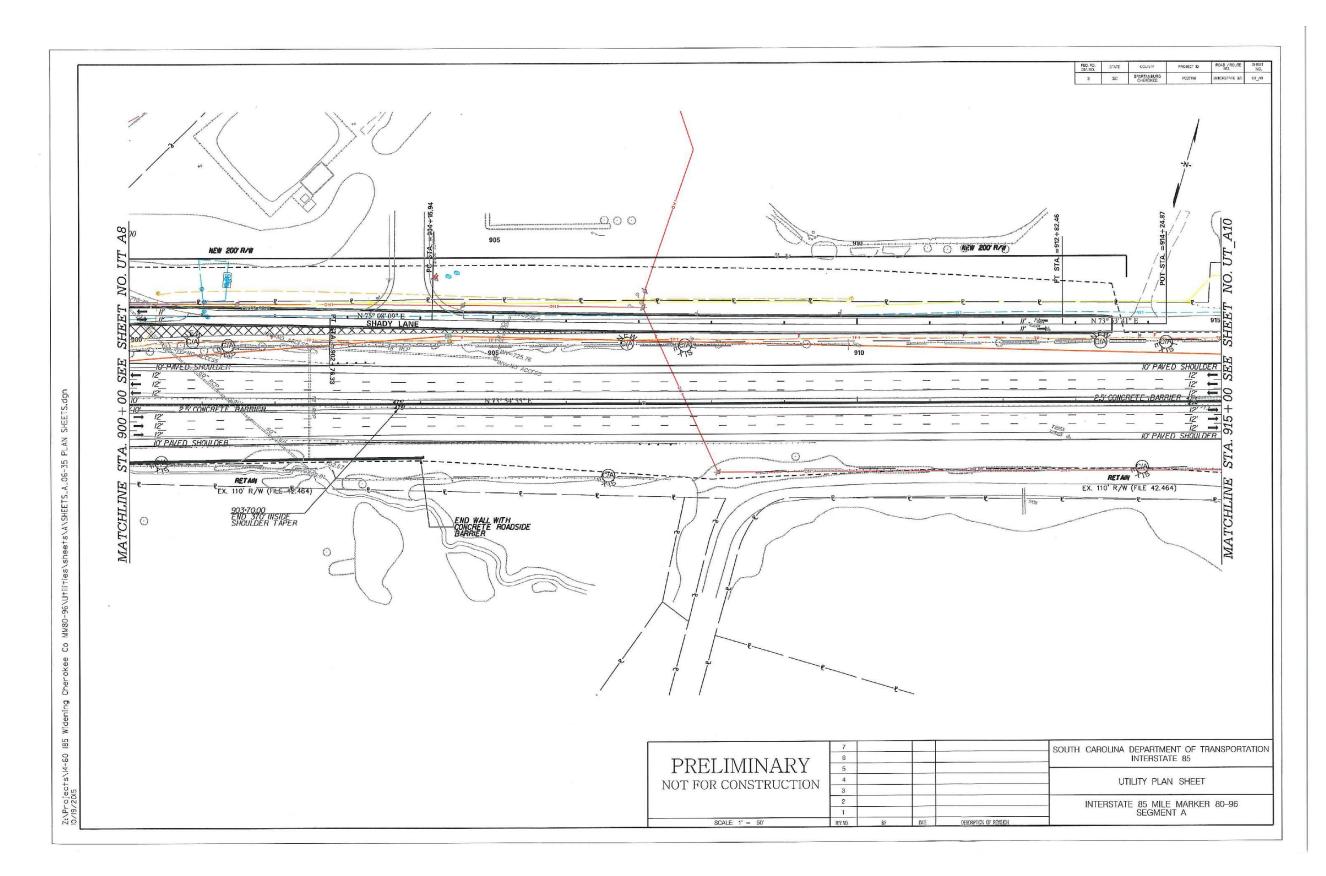
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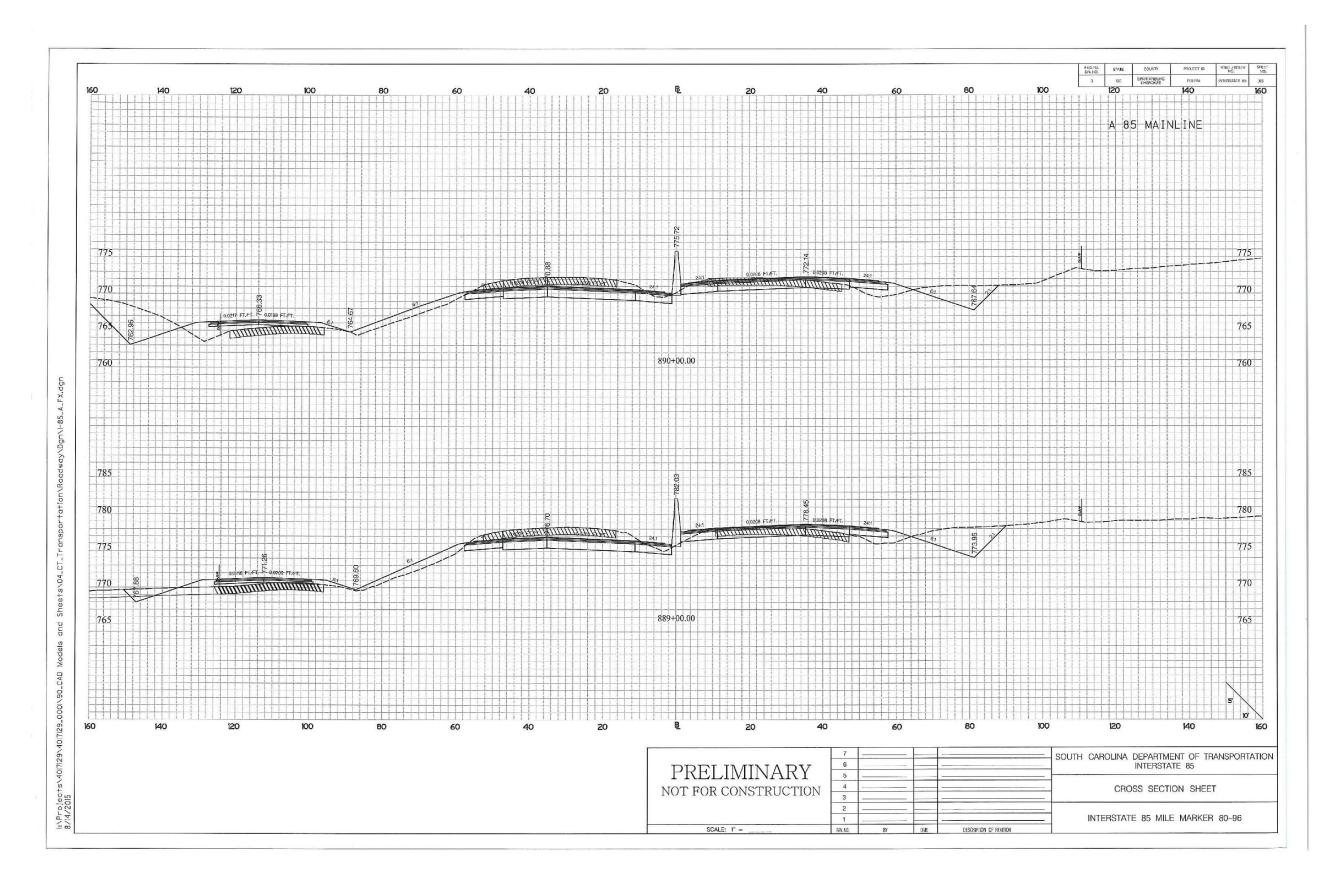


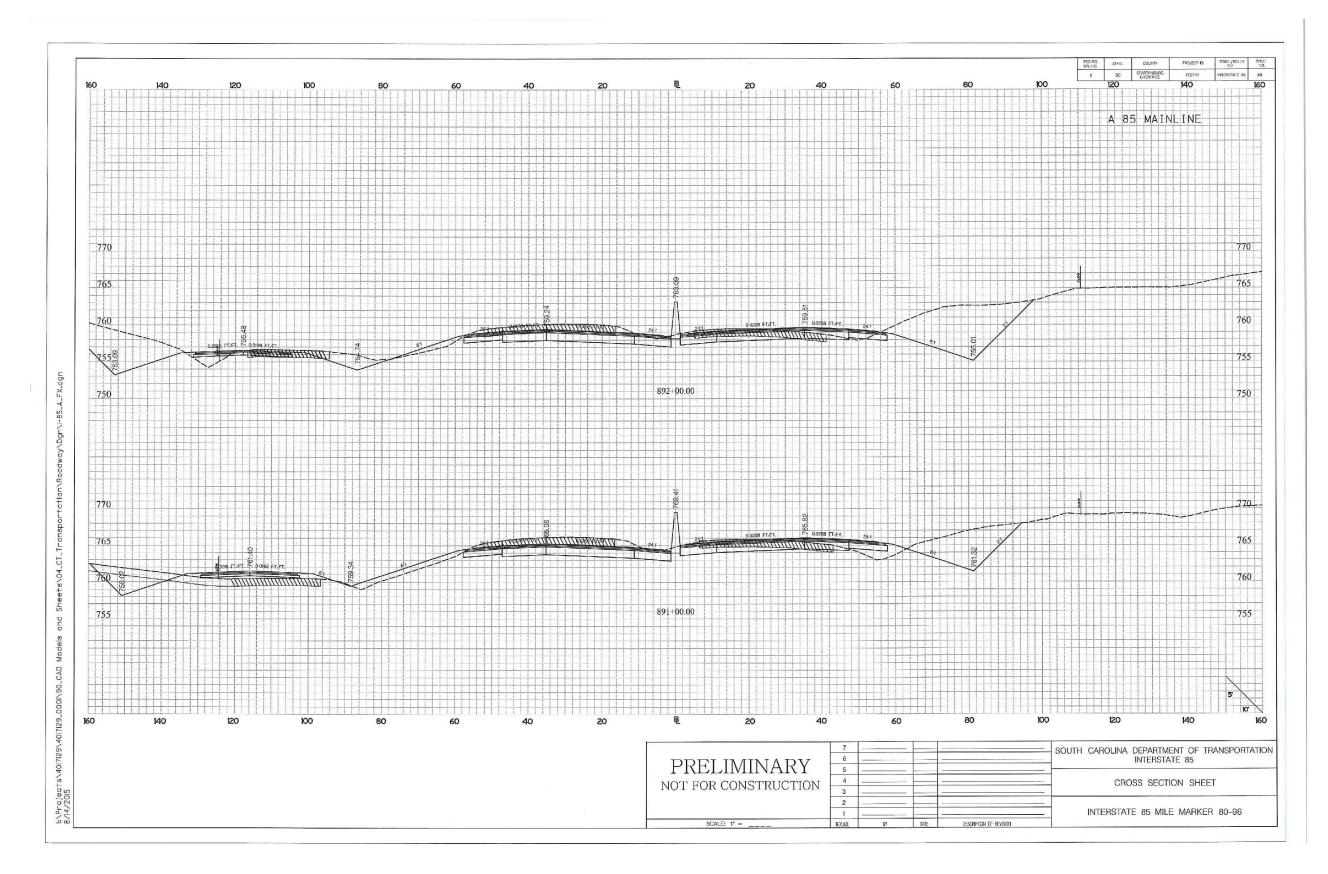
Supplemental Information

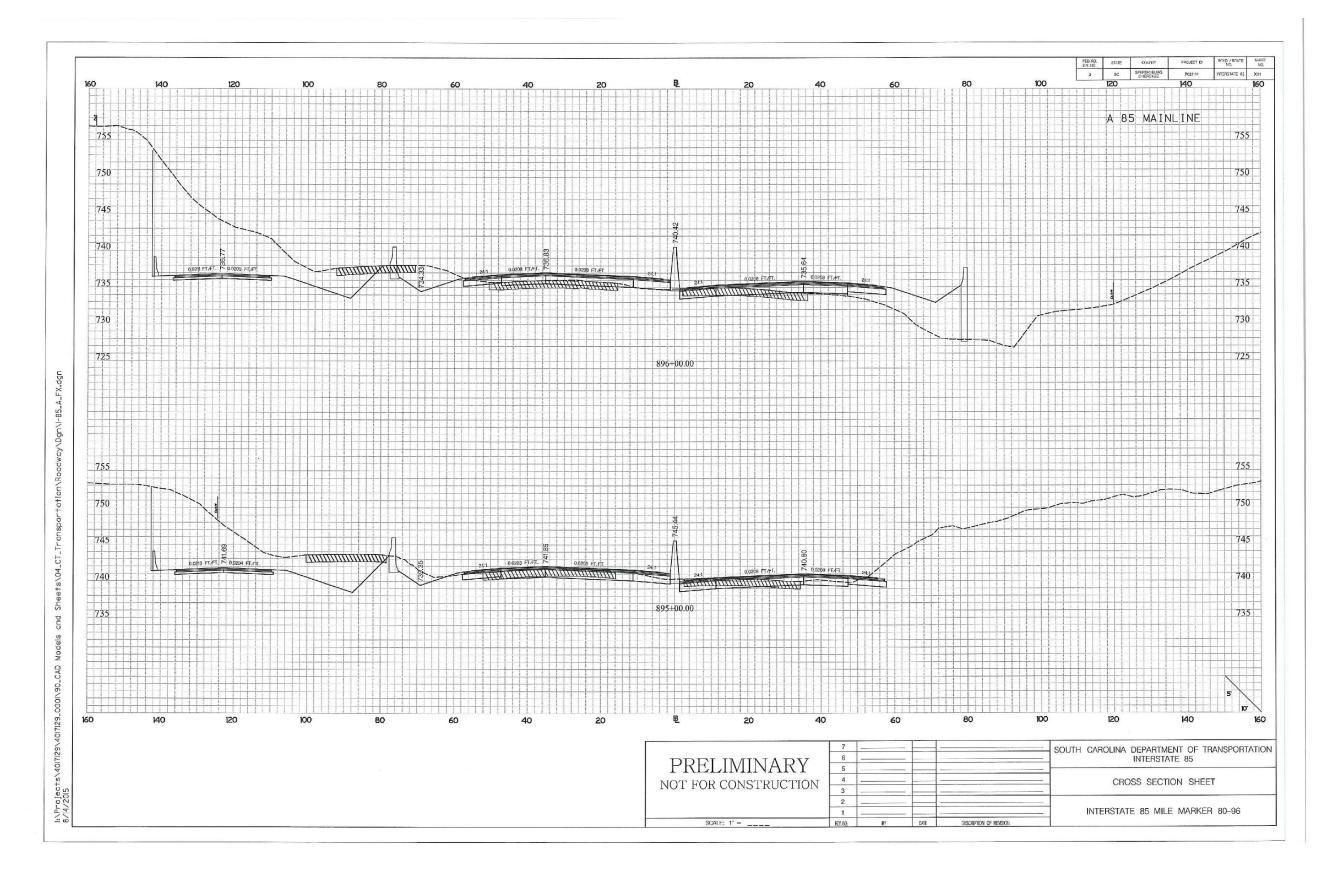


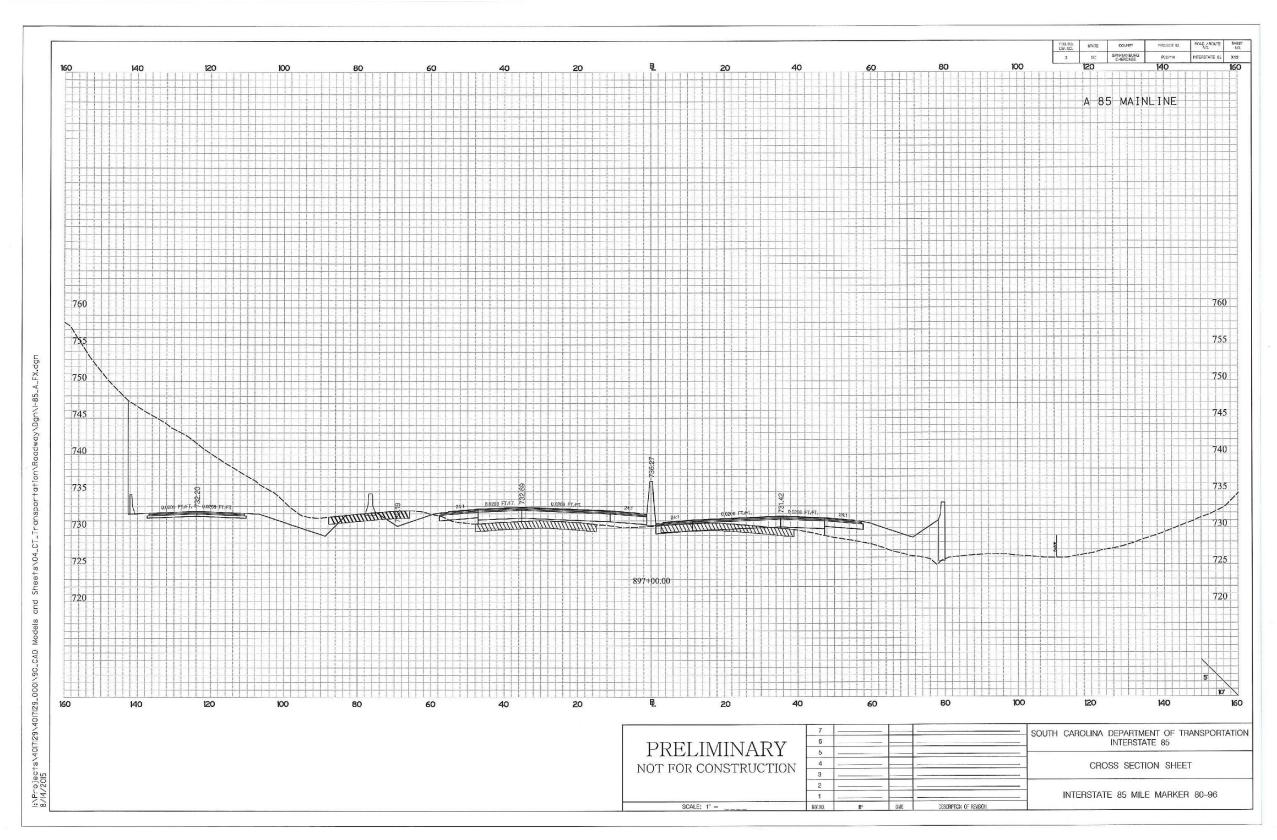
³⁸ I-85 Replace CSX Bridge Z270.19 over I-85, Spartanburg, SC



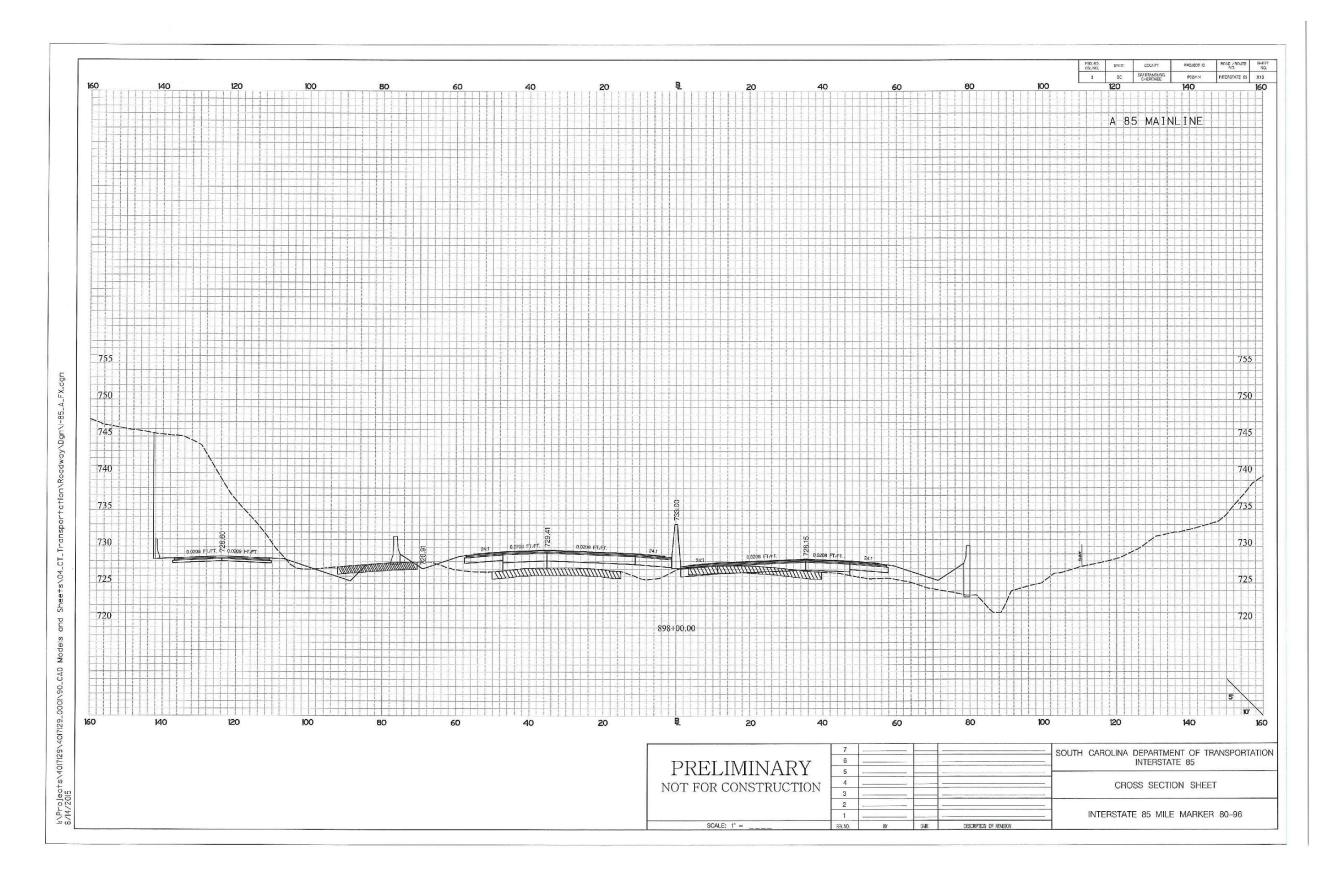


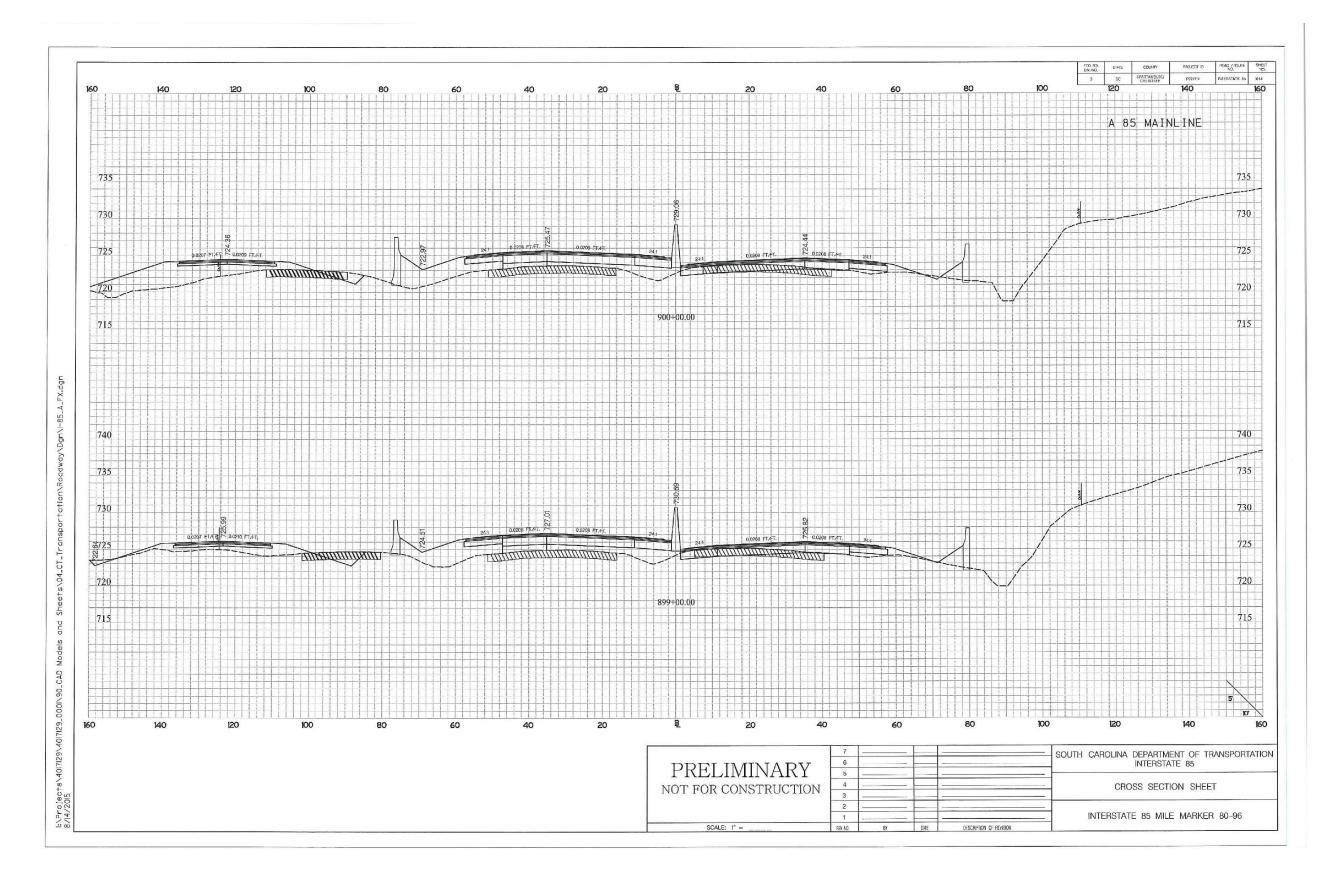


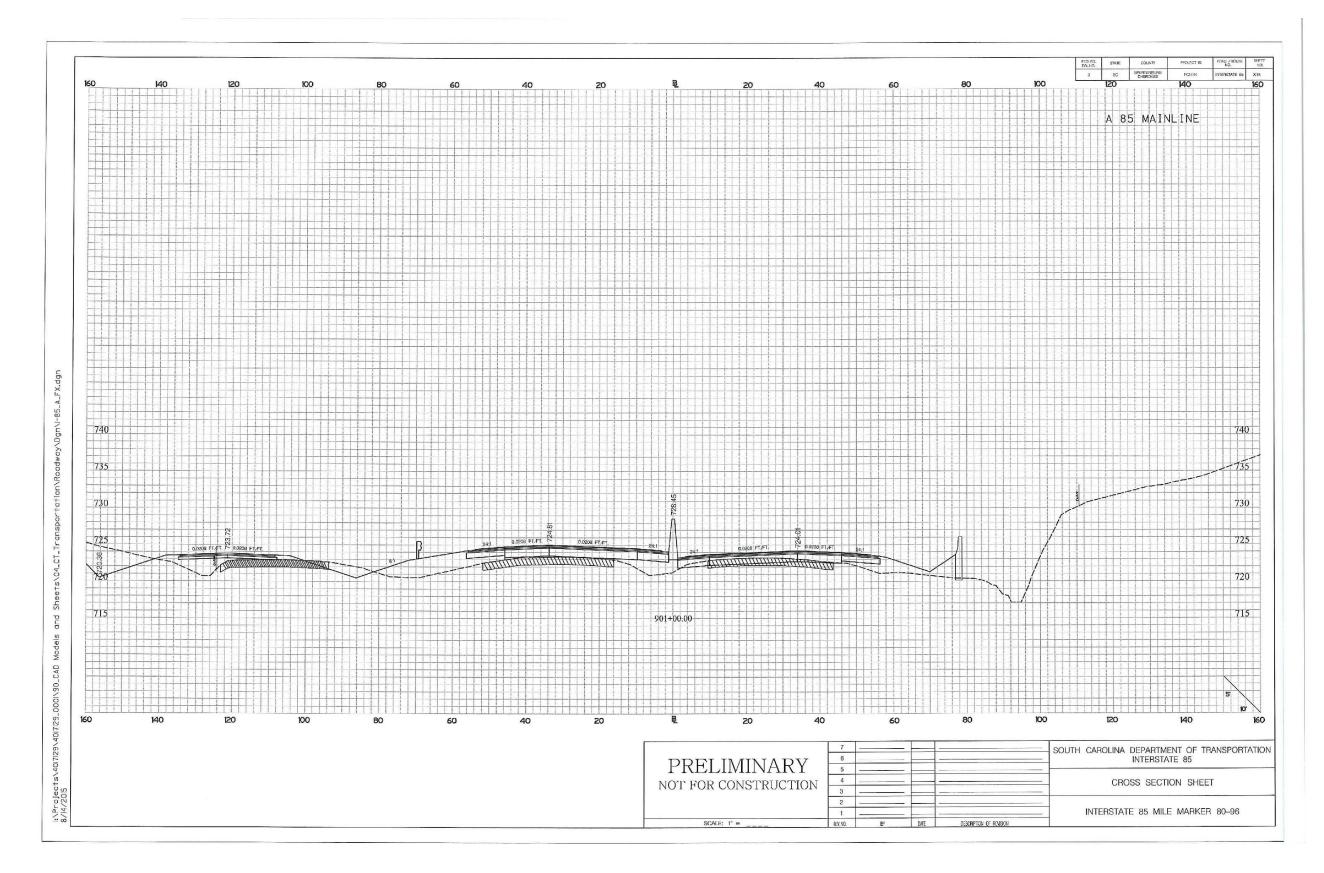


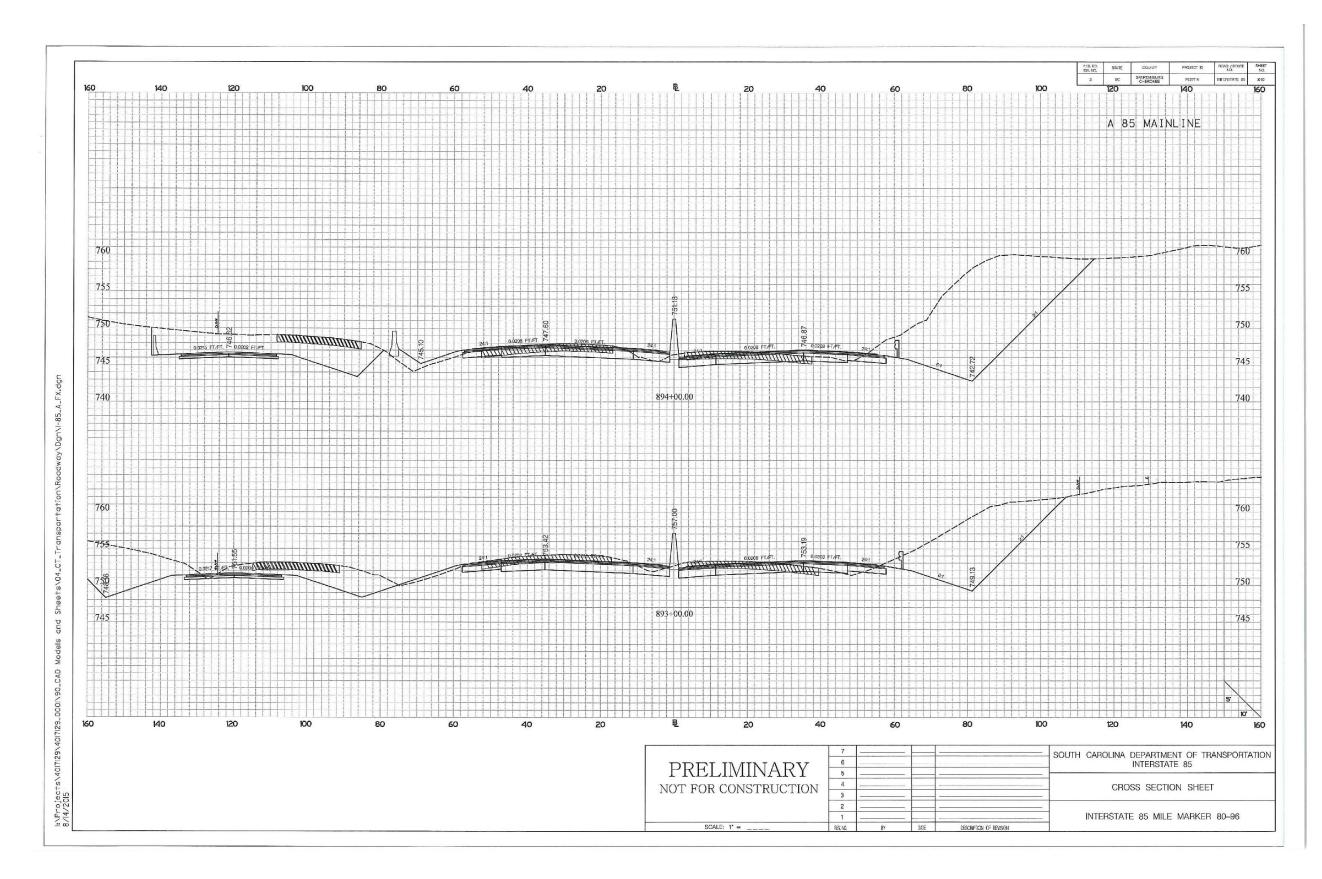


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PRELIMINARY UTILITY REPORT CECS #5414

