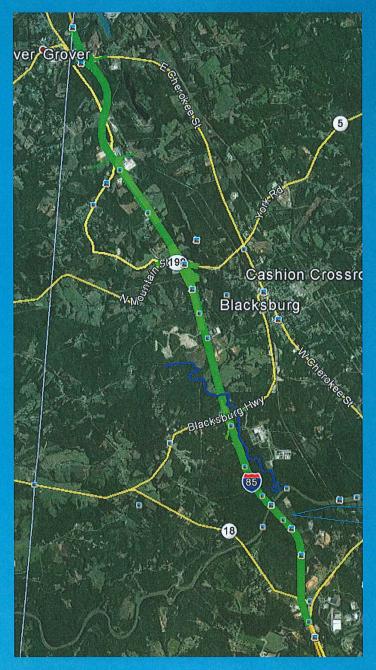
I-85 Widening, Phase III MM 96 to MM 106 Cherokee, SC

SCDOT Project ID: PO27116 CECS Project ID: 6114

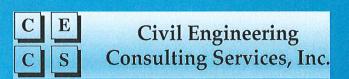
Preliminary Utility Report

June 30, 2016 Revised - January 26, 2017











MEETING MINUTES

TO:

Brad Reynolds

SCDOT

Mark Attaway

SCDOT

Jamie Fowler Shane Parris SCDOT

Greg Schuch

HDR / ICA

Tom Miller

HDR / ICA

FROM:

Theresa Hodge, CECS

Lee Amick, CECS

DATE:

January 26, 2017

PROJECT:

I-85 Widening

MM96 to MM106

CECS Project: 6114

SCDOT Project: P027116

SUMMARY OF INITIAL JOINT UTILITY COORDINATION MEETING

On June 22, 2016, an Initial Joint Utility Coordination Meeting was held to discuss schedules, conflicts, and other concerns for the proposed widening of I-85 and interchange improvements.

In attendance were the following:

Justin Harvey	South Carolina Department of Transportation	SCDOT
Jesse Hames	South Carolina Department of Transportation	SCDOT
Shane Parris	South Carolina Department of Transportation	SCDOT
Jamie Fowler	South Carolina Department of Transportation	SCDOT
Mark Akin	KCI Technologies Inc. for Duke Energy	KCI
Lee Sadler	American Telephone and Telegraph	AT&T
Grier Mangum	American Telephone and Telegraph	AT&T
Ryan McCumber	TPRC Broadband for Spirit	TPRC
Kevin Grant	TPRC Broadband for Spirit	TPRC
Michael Smiley	Town of Blacksburg	
Charlene Carter	Town of Blacksburg	
Jeff Humphries	Broad River Electric	BRE
David Upchurch	Broad River Electric	BRE
Tom Miller	HDR / ICA	HDR
Theresa Hodge	Civil Engineering Consulting Services	CECS
Lee Amick	Civil Engineering Consulting Services	CECS

Meeting Overview:

Participants met at the Cherokee Maintenance Office on June 22, 2016, at 10:30 am to discuss schedules, conflicts, and other concerns for the proposed interstate widening interchange improvements. An overview of this meeting is summarized below:

Ms. Hodge opened the meeting by thanking all in attendance. There was a brief roundtable introduction of the attendees. She noted that this phase of the project was a broad brush summary of the utilities to provide to the Design Build Team at a later date.

Mr. Amick presented a presentation to the attendees. Some of the highlights from the presentation are as follows:

- The attendees were given an overview of the limits of the project; this included the I-85 corridor starting at the bridge over Broad River to the North Carolina state line, and the proposed alternatives at the interchanges. The participants were given a copy of the interchange alternatives along with a proposed typical section for I-85.
- It was noted that there was no SUE on this project.
- The attendees were asked if they knew of any planned utility improvements within the limits of this project, there was no response.
- The subject of prior rights was discussed. The attendees were asked if they knew of any documentation for their utility to claim prior rights. At this time there was no response.
- Mr. Amick noted that CECS needs "record drawings" / utility location data information by July 15, 2016.
- Mr. Tom Miller, representing ICA, noted the selected alternatives for the interchange improvements will not be made until December.

Duke Energy was represented by Mr. Mark Akin (KCI Technologies Inc.). There was some discussion concerning an "Introduction to Consultant Letter" from SCDOT. On 6/23/2016, Mr. Amick checked the letters that were sent out on 5/12/2016. An "Introduction to Consultant Letter" was sent to Mr. Larry Morris and Duke Energy Highway Relocation section. Mr. Amick forwarded a copy of this email to Mr. Akin and Mr. Carlos Gittens (KCI Technologies Inc.) for their records.

Ms. Hodge asked the utility company representatives to review a location map showing the various utilities located along I-85. The results of the utility company's reviewing the map are as follows:

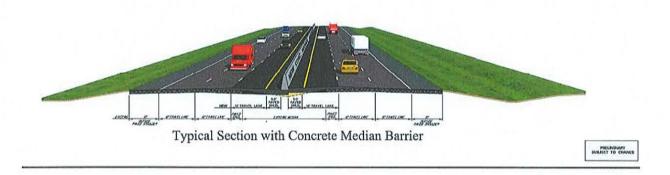
 The Town of Blacksburg was represented by Ms. Charlene Carter and Mr. Michael Smiley. Mr. Smiley stated the Town of Blacksburg has water/sewer lines going under I-85 in existing cattle crossings and at Buffalo Creek. According to Mr. Smiley, the Town of Blacksburg does not have prior rights.

- Broad River Electric was represented by Mr. Jeff Humphries and Mr. David Upchurch. Broad River Electric would like an updated map to verify their utility locations and make additions, if needed. They noted that Broad River Electric had replaced the power poles and lines running parallel to an interchange (exit 102).
- AT&T was represented by Mr. Grier Mangum and Mr. Lee Sadler. Mr. Sadler stated that he is working on getting the requested utility location information ready. AT&T should have their utility locations provided to CECS by the week of July 4th.
- o Mr. Jamie Fowler noted a gas transmission line owned by Patriot Energy might be located in the I-85 widening corridor. On June 28, 2016, Mr. Amick contacted Mr. Comer with York County Natural Gas Authority (YCNGA) concerning the gas transmission line in question. Mr. Comer noted that Patriot Energy gas line was a multi municipality venture and YCNGA was part of that venture. Mr. Cromer stated that the Patriot Energy line was a 16-inch transmission line that ended south on S.C. Route 5, before the I-85 project and hence would be no conflict.

Mr. Amick will send to all attendees a copy of the meeting minutes.

Ms. Hodge thanked everyone for attending this meeting.

PROPOSED TYPICAL CROSS SECTION ALONG I-85



I. INITIAL ASSESSMENT OF PROJECT IMPACTS AND PRIOR RIGHTS

Stations referred to in this report are based on the survey stationing, slight variation occur between the design stations.

American Tower

Communications

American Tower owns and maintains two towers along I-85. The first tower is located between exits 102 and 104

Site Name: Kings Creek, SC Site Number: SC-085517.

The second tower is located between exits 104 and 106.

Site Name: Tribal,

SC Site Number: SC-85490.



In an email from Alton Camp of American Tower, their facilities only have phone and power service provided to them. (See Appendix)

No conflicts are expected with American Tower, but the utilities that feed the cell towers if impacted, can cause critical outages to services such as 911 emergency.

American Tower will have prior rights.

AT&T Distribution

Telephone Communications

AT&T owns and maintains approximately 63,588 feet of aerial copper, 43,252 feet underground copper, 39,379 feet of underground fiber cable, and 3,912 feet of conduit within the I-85 project corridor, which includes the roads crossing over I-85 at exits 100,102,104 and 106. (See Appendix)

Conflicts should be expected primarily around the interchanges.

Some prior rights may exist at the cabinet and sub site locations.

Broad River Electric Cooperative

Aerial and Underground Electric

Broad River Electric Cooperative owns and maintains approximately 30,226 feet of aerial lines, 355 feet of underground lines and roughly 104 poles within the project corridor. The aerial lines start at Station 1895+00 and extending to Station 2210+00 along I-85 and at exits 100,102 and 104. (See Appendix)

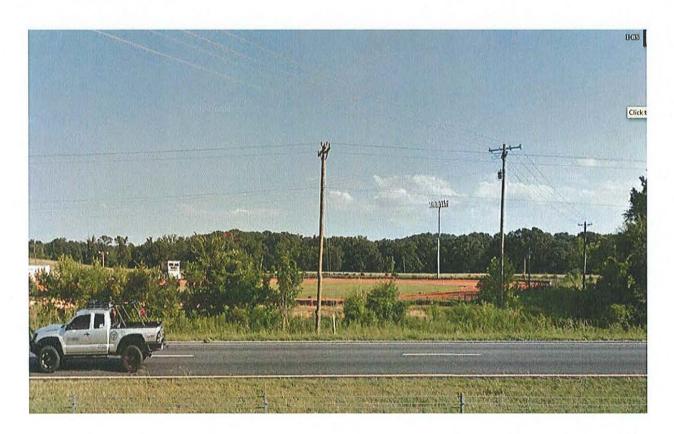
Broad River Electric has aerial lines crossing over I-85 at the following locations:

Station 1904+24	Station 2100+80	Station 2160+50
Station 1957+00	Station 2117+65	Station 2196+90
Station 1993+90	Station 2128+30	Station 2210+00
Station 2029+50	Station 2129+50	
Station 2045+00	Station 2147+90	

Only the aerial lines crossing over I-85 at Stations 1904+24, 2029+50, 2045+00, 2100+80 and 2147+90 have potential for conflicts.

Conflicts should be expected mainly around the interchanges and at the aerial line crossings as defined above.

Some prior rights may exist.



Century Link

Fiber Communications

Century Link owns and maintains underground fiber optical cable running parallel to the Norfolk Southern railroad track at Station 2187+00. A section of the Century Link cable, between Access Road Station 48+00 and Station 50+00 appears to be in conflict with a proposed ditch. Approximately 300 feet of cable will need to be relocated. (See Appendix)



This fiber optical cable is located within Norfolk Southern right of way therefore prior rights will exist.

Charter Communications

Communications Aerial / Fiber & Coax

Charter Communications owns and maintains aerial, fiber and coax lines along S.C. Route 5 and S.C. Route 18 at exit 100. This is within the project corridor.

Conflicts should be expected.

Charter Communications should not have prior rights.

Cleveland County Water

Water

It was noted in a document attached to an email sent by the Town of Blacksburg that Cleveland County Water might have some utilities in the area of exit 106. In a phone conversation with Mr. Brad Cornwell representing Cleveland County Water, they do not have any utilities located within the project area. Mr. Cornwell also stated that most of their utilities stop at Battleground Road in North Carolina.

Duke Energy Distribution - (Carolina West)

Aerial Electric

Duke Energy owns and maintains about 46,203 feet of distribution lines which are primarily 3 phase overhead. There are approximately 171 power poles in the project corridor.

The aerial lines run along I-85 for the length of the project. Additionally, the lines run along the roads crossing over I-85 at exits 100,102, 104 and 106. (See Appendix)

Conflicts should be expected primarily around the interchanges.

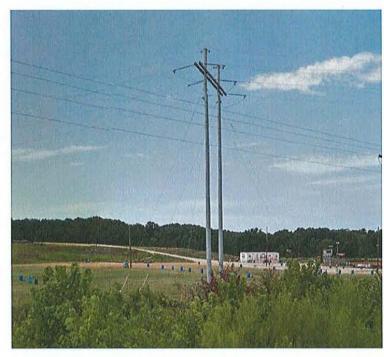
Duke Energy will have some prior rights within the proposed corridor.

Duke Energy Transmission

Duke Energy has approximately 3,192 feet of transmission lines within the project corridor. The transmission lines cross over I-85 at Stations 1960+87, 2192+50, 2028+00, 2254+35 and over Road S-99 (Tribal Road) at Station 59+25.

Some conflicts may exist but should be limited to areas at the interchanges, since the widening of I-85 to the center.

Duke Transmission will have prior rights.



Norfolk Southern

Railroad Communications

Norfolk Southern has abandoned the communication and signal lines along their railroad track under the I-85 bridge. However, Sprint Communications and Century Link have underground cable located within Norfolk Southern right of way.

Since the Norfolk Southern lines are abandoned, no conflicts are anticipated.

Norfolk Southern has prior rights.



SCDOT

Communication

SCDOT communication assets start at the beginning of the project near Station 1823+50 and extends to a point 475 feet north of exit 106 at Station 2242+80. SCDOT utility inventory within the project corridor consists of at least 42,000 feet of cable, eight cameras, and an



Amber Alert sign. In a phone conversation with Mr. Dan Campbell on June 28, 2016, he stated that these cameras will be relocated due to the widening of I-85. (See Appendix)

These facilities will be impacted by the project.

The SCDOT ITS system is owned and operated by SCDOT. The cost of such relocation will be responsibility of the SCDOT.

Spirit Communications

Communications

In an email from Mr. Joey Adams to Mr. Lee Amick dated May 26, 2016, stated that Spirit Communications has strands leased in the fiber cable owned and maintained by Century Link.

Since the strands are leased, ownership and prior rights are with Century Link.

Sprint Communications

Communications

Sprint Communications has underground fiber optical cable running parallel to the Norfolk Southern Railroad nears Station 2187+00. This cable is located at the edge of the proposed access road.

Conflicts should be expected, since a proposed trapezoidal ditch will run parallel to this road, and potentially impacting the Sprint cable. It is anticipated that approximately 500 feet of underground fiber optical line will need to be relocated.

This fiber optical cable is located within Norfolk Southern right of way and will have prior rights. (See Appendix)

Town of Blacksburg

Water & Sewer

The Town of Blacksburg owns approximately 19,820 feet of sewer force main and 34,306 feet of water lines. The Town also owns lift stations along I-85 at Station 2029+50, at Loves Truck Stop Exit 41, Station 2130+00, and at the Welcome Center along White Farm Road. The Town of Blacksburg has utilities along roads crossing over I-85 at exits 100,102, 104 and 106. The Town does not have record drawings for most of their system. Hence, hand sketches for their utility locations were provided.



Because of the lack of plans, the expanse of utility conflicts is not precisely known. (See Appendix)

Conflicts are expected especially at the interchanges.

The Town utilities are primarily located in SCDOT's right-of-way. The Town of Blacksburg should not have prior rights, except where they cross the interstate and extend beyond the SCDOT right of way and at the Lift Station.

York County Natural Gas Authority (YCNGA)

Gas

YCNGA owns and maintains approximately 2,847 feet of 6", 2,573 feet of 4" and 1,212 feet of 1" plastic gas mains. The gas begins at Station 2034+85 and extends to Station 2157+10. YCNGA has gas lines located at exits 102 and 104. (See Appendix)

Conflicts should be expected at the interchanges.

YCNGA gas lines are located within the SCDOT right-of-way-right. However, YCNGA has provided documentation indicating that they have an easement from S.C. Route 98 near exit 102, to Station 2061+50. This easement runs parallel to SCDOT'S right-of-way. Therefore, YCNGA will have prior rights at this location.

II. ESTIMATED COST FOR RELOCATING UTILITIES

The estimate of cost to SCDOT for relocating the utility conflicts, shown below, is for "Information Only". This cost does not reflect any right of way costs that may be necessary for some utilities to relocate.

UTILITY COMPANY	COST
American Tower	- 0 -
AT&T Distribution	\$100,000
Broad River Electric Cooperative	\$400,000
Century Link	\$50,000
Charter Communications	- 0 -
Duke Energy Distribution Carolinas West	\$430,000
Duke Transmission	\$2,000,000
SCDOT ITS	\$2,500,000
Sprint Communications	\$50,000
Town of Blacksburg	\$500,000
York County Natural Gas	\$100,000
TOTAL COST	\$ 6,130,000

III. RECOMMENDATIONS FOR EARLY RELOCATIONS

Until such time that the intersections can be finalized, no recommendations for early relocation can be made.

However, every attempt to relocate early for both aerial and underground "perpendicular" utility crossings of I-85 should be made.

IV. IN CONTRACT SERVICES

None of the utility companies chose in contract services for this project.

V. LOCATION OF OVERHEAD LINES

All utility companies were notified, in an email dated 08-29-2016, that "no overhead lines will be allowed at intersections within the interchanges due to the possibility of future signals."

VI. UTILITY CONTACT INFORMATION CHART

COLLOS MIDELANIAS, MINISO IO MINISO					
Company Name	Address	City State Zip	Contact	Phone Main/ Cell	Email
American Tower	10 Presidential Way	Woburn, MA 01801	Alton Campbell	Office: n/a Mobile: 864-979-3293	alton.campbell@americantower.com
AT&T Distribution	4100 South Stream Blvd.	Charlotte, NC 28217	Lee Sadler	Office: 704-478-7917 Mobile: 704-497-4948	Is9173@att.com
AT&T - Distribution - Telics	810 Dutch Square Blvd Suite 212	Columbia, SC 29210	Grier Mangum	Office: 888-611-9939	telicsroadmove@gmail.com
Broad River Electric Cooperative	P.O. Box 2269	Gaffney SC 29342	Jeff Humphries	Office: 864-491-9237 Mobile: n/a	jhumphries@broadrivereletric.com
Century Link	243 F Burgess Road	Greensboro, NC 27107	Richard Browning	Office: (703) 363-8912 Mobile: (703) 363-8912	dennis.browning@centurylink.co
Cleveland County Water	439 Casar Lawndale Road	Lawndale, NC 28090	Brad Cornwell	Office: 704-538-9033	brad.cornwell@clevelandcountywater.com
Charter Communications	110 Commercial Road	Spartanburg, SC 29303	Larry Camp	Office: (864) 449-8850 Mobile: n/a	Larry.camp@charter.com
Duke Energy Distribution - Carolinas West / KCI Technologies Inc.	128 Millport Circle, Suite 200	Greenville, SC 29607	Mark Akin	Office: 864-252-0024 Mobile: 518-248-8791	<u>Mark.Akin@kci.com</u>
Duke Energy DistCarolinas West	217 Craig Manor Road	Lancaster, SC 29707	Larry Morris	Office: 803-283-5084 Mobile: 704-451-2912	larry.morris@duke-energy.com
Duke Energy Carolinas Transmission West	526 South Church Street	Charlotte, N.C. 28202	Jeremy Sabo	Office:704-382-8396	Jeremy.sabo@duke-energy.com
SCDOT ITS	Shop Road	Columbia, SC	Dan Campbell	Office: 803-737-1646 Mobile: n/a	campbellde@scdot.org
Sprint	411 Huger Street	Columbia, S.C. 29201	Steve Thomas	Mobile: 678-852-2726	steve.r.thompson@sprint.com
Spirit Communications	491 Lakeshore Parkway	Rock Hill, SC 29730	Joey Adams	Office: (803) 230-3490 Mobile: n/a	joey.adams@spiritcom.com
Town of Blacksburg	200 Osee St, PO Box 487	Blacksburg, SC 29702	Michael Smiley	Office: 864-839-2458	Michael@townofblacksburg.com
Town of Blacksburg	105 S. Shelby St.	Blacksburg, SC 29702	Charlene Carter	Office:864-839-2332 / 864-219-2887	Charlene@townofblacksburg.com
York County Natural Gas	979 W. Main Street	Rock Hill, SC 29731	Stephen Comer	Office:(803) 323-5388 Mobile: n/a	stephen.comer@ycnga.com

MEETING ATTENDANCE SIGN IN SHEET

PROJECT: Cherokee Co. I-85 Phase 3 (mm96 to mm106) Initial Joint Utility Coordination Meeting DATE: July 22, 2016

MEETING LOCATION: Cherokee Maintenance Office

Civil Engineer	Consulting Servic
a	S
0	U

NAME	COMPANY	TELEPHONE	EMAIL
Theresa Hosty	0,603	A13-744-0311	Hodgethe cecsing. Con
Lee Amick		11	AMICKLE CESSIAGE
Justin HARVEY	5005		harvey XXD Scolot, Org
Jesse Hames	5<100T	84-490-7910	hawesla e sedot. org
SHANE PAPPIS	420T	864-450-0466	persollo edot. org
Domic Fowler	50001	83 39941165	Fordering Badot.org
Ocier Mencion	ATAT	803-409-408	
Michael Smiley	Town of Shellsbury	864-839-233	Wheelotorn
Charlesse Carter	Henristator Blacksburg	84-219-2887	Aboundation Blacksburg 24.289.2832 Charlene @ town of blacksburg. com
Tom MILLER	ICA J	803-507-6617	803-509-6617 Thomas. Miller Chakewe. com
Lypa Mccumber	The Resident	376-487-4254	376-487-4254 CLAN & TARE Brown DAND . Co. m.
(Levis Gort		954 510-30ge	954 840-3046 legrant of fore broad band com
Mark Akin	KCI	864-252-0024	often mark, akin Chuke - cnery
Jest Hemphines	Broad Lean Slatvil	864-219-0285	Hanglines Brood Zuer Flockil. 864-219-0285 jhunghirts & brondownellettic Com

MEETING ATTENDANCE SIGN IN SHEET

PROJECT: Cherokee Co. I-85 Phase 3 (mm96 to mm106) Initial Joint Utility Coordination Meeting DATE: July 22, 2016
MEETING LOCATION: Cherokee Maintenance Office

Civil Engineering Consulting Services, Inc.
SE

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EMAIL	(824) 491-9257 Duphorch @ Brand Rom Electric con	704 478 7917 (59173 @ O.H. COM						4		
TELEPHONE	1821-184(43)	704 478 7917			and the same				Tre-	
COMPANY	Broad River Bock.	ATiT								
NAME	David Upphyol	Lee Saller								



APPENDIX

AMERICAN TOWER

Lee Amick

From: Alton Campbell <Alton.Campbell@AmericanTower.com>

Sent: Thursday, July 21, 2016 6:03 PM

To: Lee Amick

Subject: RE: widening of I-85 from mm85 to mm 106 in Cherokee County, S.C., Tower numbers

SC-085517 and SC-85490

Attachments: 85490_SUR_060998_7_11_2012_14_24_45.pdf; 085517_SUR_030502_7_19_2002_17_35_

47.pdf

I am not aware of any lines that would be in the SCDOT right of way. We usually only have power and telephone lines to the towers and they usually run along our access roads. Over the past several years some towers have had fiber run to them by different fiber providers. The only route we ever approve is when utility providers use our access and utility easements. If they go outside of our easements then would have to get a right of way from the neighboring land owners. With that said if they were to utilize the SCDOT's right of way they should have secured an agreement/easement with the SCDOT. I feel you are probably safe but having the area located prior to construction would be the safest way to tell. I have attached the surveys for these 2 sites.

Thanks,

Alton Campbell
Field Operations Tech - Southeast
American Tower Corporation
PO Box 1782
West Union, SC 29696
(864) 979-3293 (mobile)
alton.campbell@americantower.com
www.AmericanTower.com

TEXTING and DRIVING... It Can Wait. Take the pledge today and pass it on.

Go Green! Please think about our environment before printing this email.

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From: Lee Amick [mailto:amickl@cecsinc.com]

Sent: Thursday, July 21, 2016 3:03 PM

To: Alton Campbell

Subject: widening of I-85 from mm85 to mm 106 in Cherokee County, S.C., Tower numbers SC-085517 and SC-85490

Good Afternoon Alton,

My name is Lee Amick and I work for CECS. CECS is an engineering company located in Columbia, South Carolina. I have been assign the task of performing the utility coordination for the widening of I-85 from mm85 to mm 106 in Cherokee County, S.C. American Tower has two towers located along I-85. The site numbers are SC-085517 and SC-85490. These towers are outside of SCDOT right of way. I would like to check and see if there are any lines from the towers that may go into SCDOT right of way.

I have attached some location maps.

Lee Amick

From:

Parris, Shane <ParrisSL@scdot.org>

Sent:

Tuesday, July 12, 2016 7:17 AM

To:

Lee Amick

Cc:

Ellis, Stephen V.

Subject:

RE: towers on I-85 between exits 102 & 104

Attachments:

2 UNKNOWN CELL TOWERS.PDF

Lee,

I apologize. I do not have any information on the towers.

Stephen, Do you know any information?

Shane

From: Lee Amick [mailto:amickl@cecsinc.com]

Sent: Monday, July 11, 2016 11:26 AM

To: Parris, Shane

Subject: towers on I-85 between exits 102 & 104

Good afternoon Shane,

There are two towers located along I-85 between exits 102 and 104 (on the right heading toward North Carolina). It appears they are off of SCDOT right-of-way. I would like to find out who owns these towers so that I can get in touch with the owners and check and see if they have any utility located within SCDOT right-of-way. If you have any information concerning these towers, I would appreciate it. A location map attached of these towers is attached to this email.

Thanks,

Lee Amick

Civil Engineering Consulting Services, Inc. 2000 Park Street Suite 201 Columbia, SC 29201

mailto:amickl@cecsinc.com Phone: (803)779-0311 ext 219

Fax: (803) 779-0528

C E Civil Engineering

Commitment

Consulting Services, Inc.

Lee Amick

From:

Ellis, Stephen V. < Ellis SV@scdot.org>

Sent:

Tuesday, July 12, 2016 9:08 AM

To:

Parris, Shane

Cc:

amickl@cecsinc.com

Subject:

RE: towers on I-85 between exits 102 & 104

This is all I can find on them. The one on Gibbons road(cell tower 1) appears to be on a piece of property owned by Lequita Ramsey. Her contact information is attached. Tower 2 off of Quarry Road appears to be on property owned by Larry Smith. I can't find anything as far as permits for drives. Sometimes they add new drives when they install these but I don't show anything at either of these locations.

AMERICAN TOWER TH

CORPORATION

SITE NAME: KINGS CREEK, SC

SITE NUMBER: SC-085517

FCC REGISTRATION NUMBER: NOT REQUIRED

FOR LEASING INFORMATION:

877-282-7483

877-ATC-SITE

IN CASE OF EMERGENCY:

877-518-6937

877-51-TOWER

NO TRESPASSING

www.americantower.com

POSTING OF THIS SIGN REQUIRED BY LAW

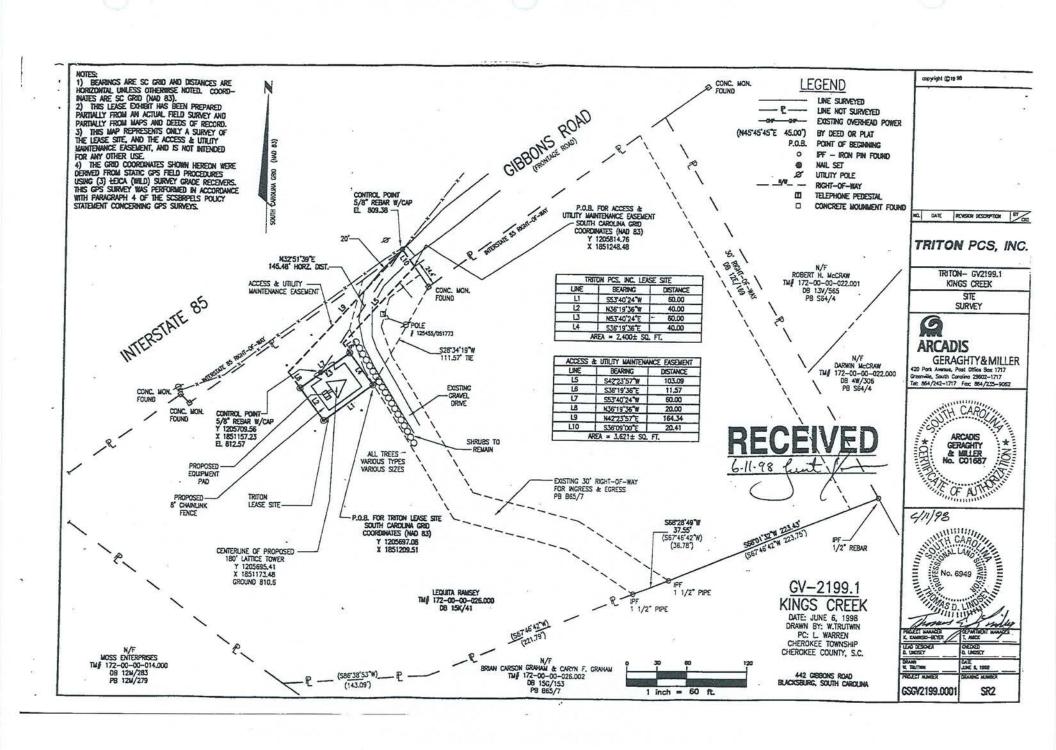
Exhibit to Memorandum of Lease

TRITON GV-2199.1 KINGS CREEK

BEING the Lease Area as shown on a plat delineated as the "SR2", prepared for Triton PCS, Inc., by ARCADIS Geraghty & Miller dated June 6, 1998, and attached hereto and made a part hereof, such Lease Site being a portion (or portions) of the real property of Lequita Ramsey as such real property as located in the Cherokee Township, Cherokee County Registry, South Carolina. Commencing at a concrete monument on the southern right-of-way of Interstate 85, which is at the termination of Gibbons Road and the beginning of an existing ingress-egress easement, and proceeding thence with a tie line S 28°34'19" W 111.57 ft. to a point labeled as the "P.O.B. for Triton Lease Site" with state plane coordinates as follows: Y 1205697.08 and X 1851209.51; thence S 53°40'24" W 60.00 ft. to a point, thence N 36°19'36" W 40.00 ft. to a point, thence N 53°40'24" E 60.00 ft. to a point, thence S 36°19'36" E 40.00 ft. to a point which is the Point of Beginning.

ALSO being a nonexclusive easement for utilities and for ingress, egress and regress for pedestrians and vehicular access to the Lease Site, as shown, beginning at a concrete monument on the southern right-of-way of Interstate 85, which is at the termination of Gibbons Road and the beginning of on existing ingress-egress easement, and proceeding in a northwesterly direction 24.4 ft. to the point labeled as the "P.O.B. for Access & Utility Maintenance Easement" with state plane coordinates as follows:

Y 1205814.76 and X 1851248.48; thence S 42°23'57" W 103.09 ft. to a point, thence S 36°19'36" E 11.57 ft. to a point, thence S 53°40'24" W 60.00 ft. to a point, thence N 36°19'36" W 20.00 ft. to a point, thence N 42°23'57" E 164.34 ft. to a point, thence S 36°09'00" E 20.41 ft. to a point which is the Point of Beginning and abuts said Lease Site as shown on the attached drawing.





ORPORATION

SITE NAME: TRIBAL

SITE NUMBER:

SC-85490

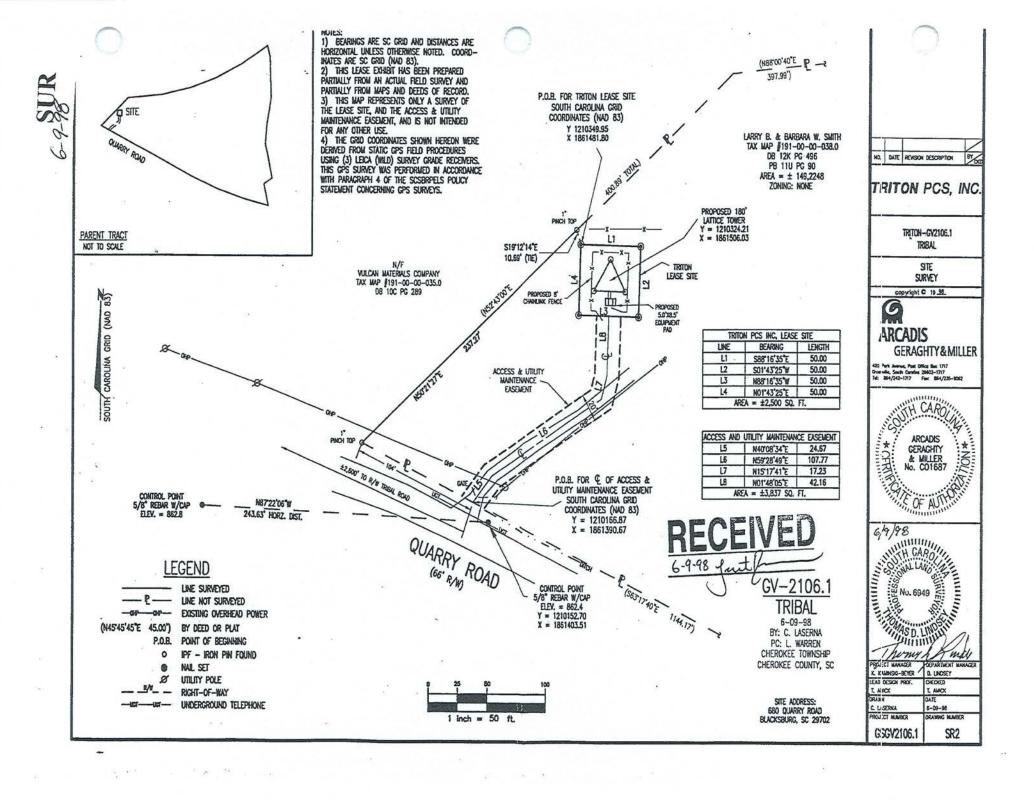
FCC REGISTRATION NUMBER: NOT REQUIRED

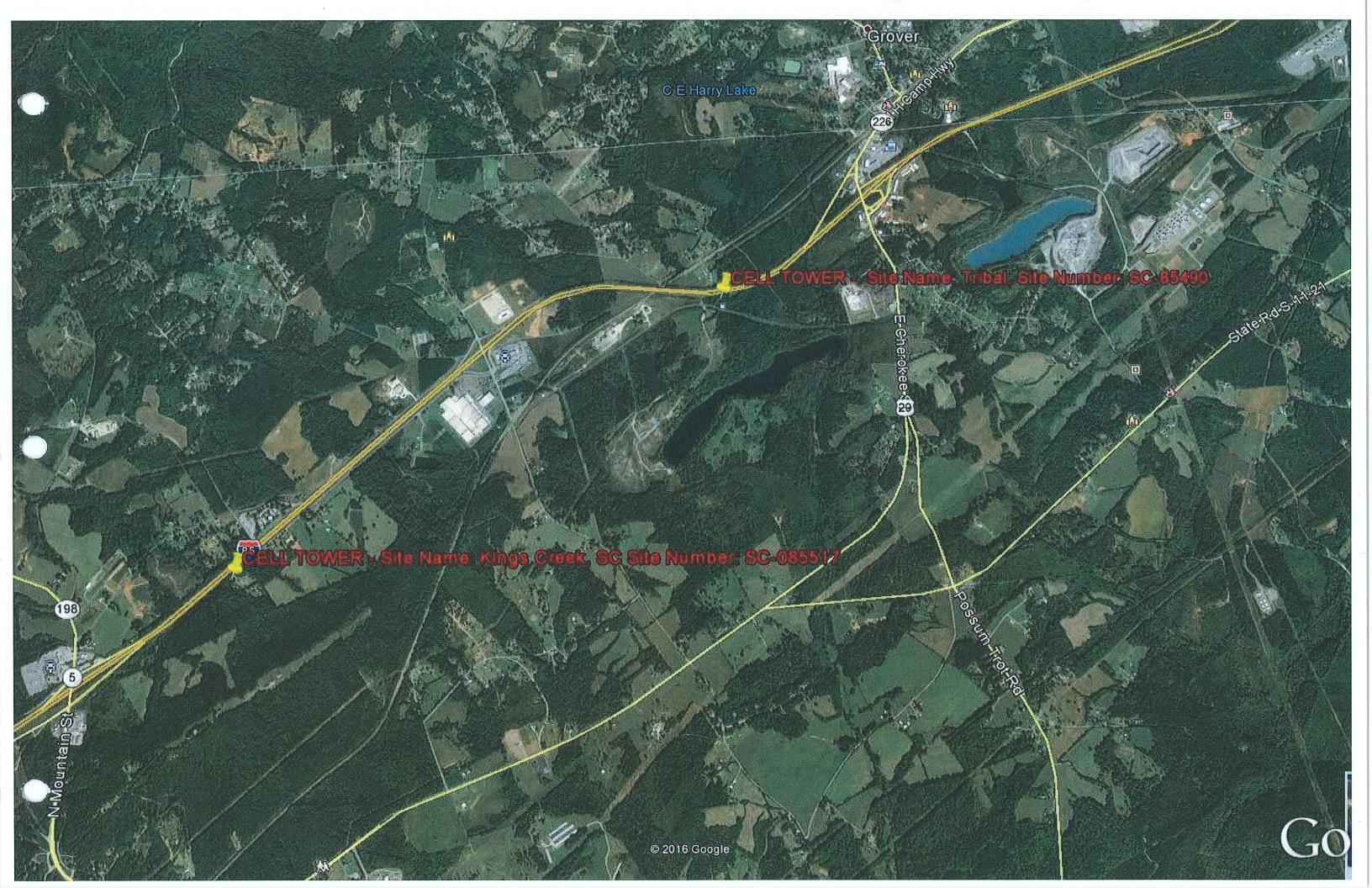
FOR LEASING INFORMATION: 877-282-7483 877-ATC-SITE

IN CASE OF EMERGENCY 877-518-6937 877-51-TOWER

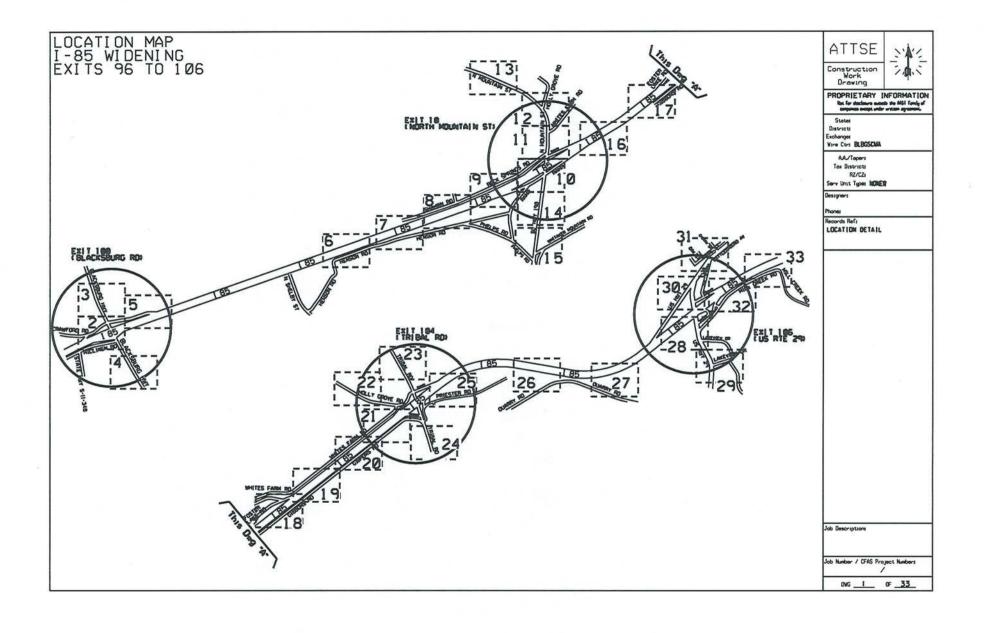


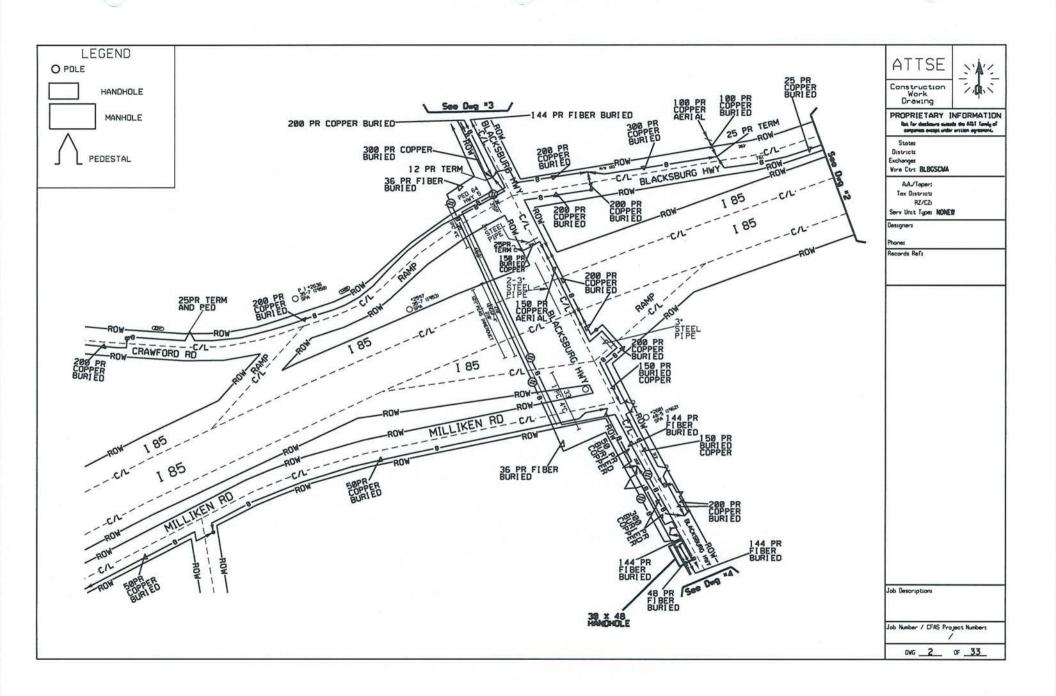
www.americantower.com POSTING OF THIS SIGN REQUIRED BY LAW

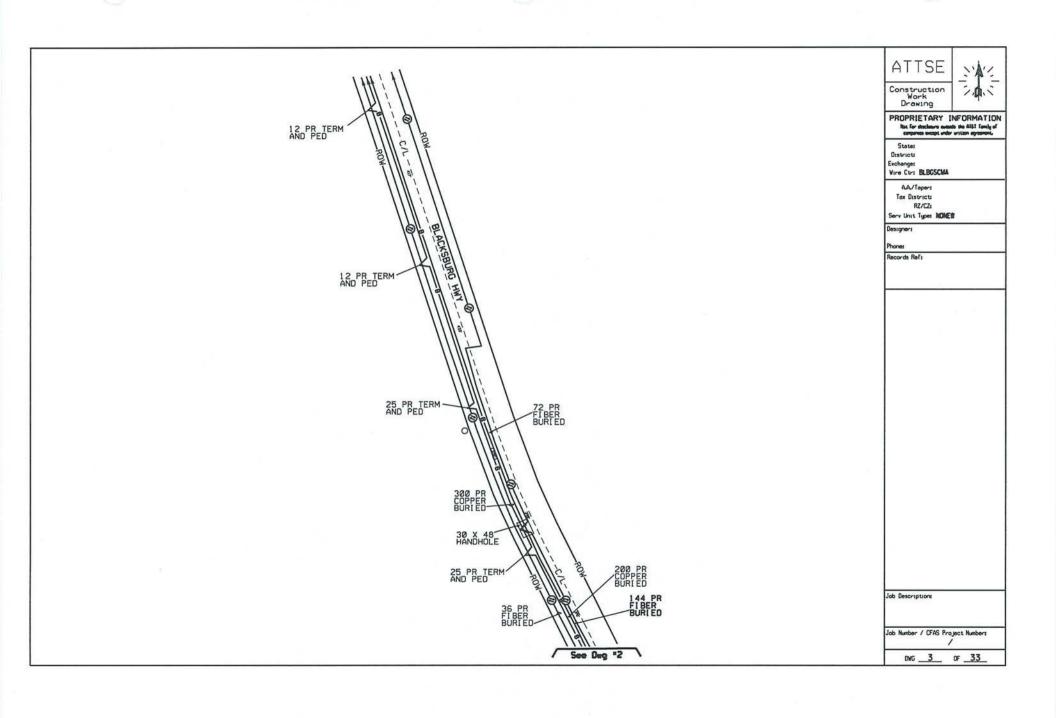


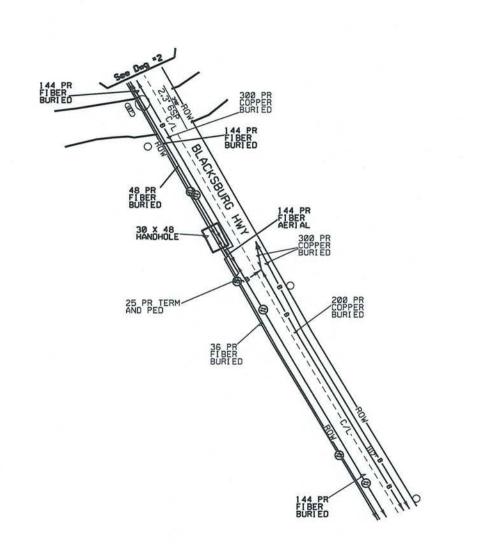


AT&T Distribution









ATTSE

Construction Work Drawing



PROPRIETARY INFORMATION

Itot for decisions except sets Albit family of
component except with written egyesters.

District Exchanges Wire Ctr: BLBCSCMA

> A.A./Toper: Tax Districts RZ/CZ_t

Serv Unit Types NONEW

Designers

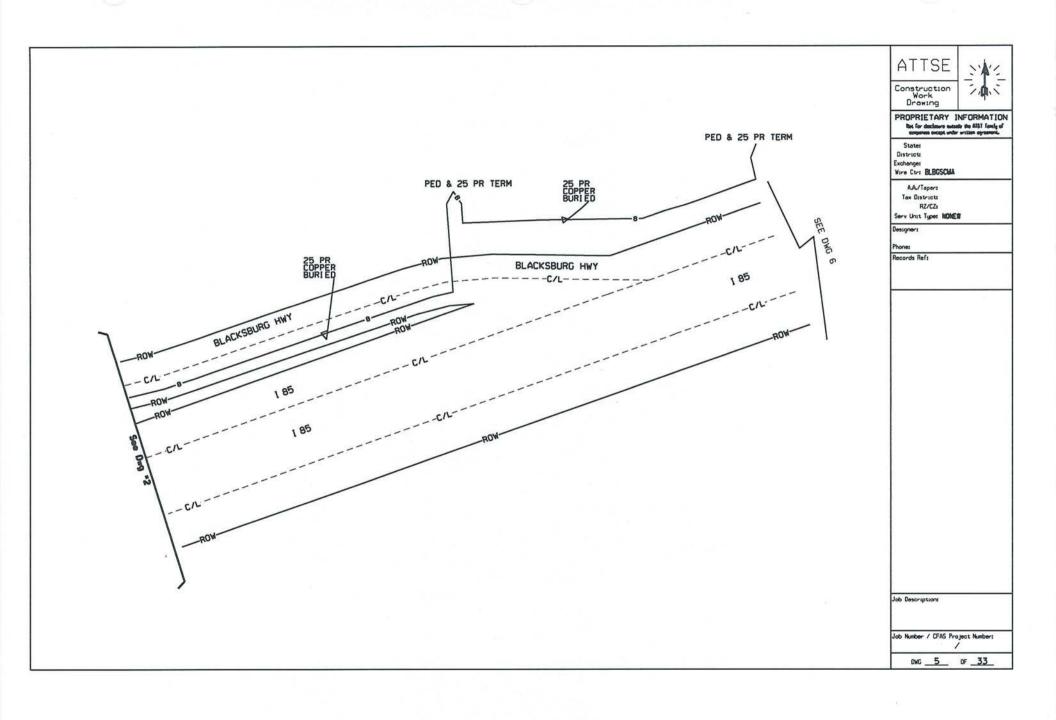
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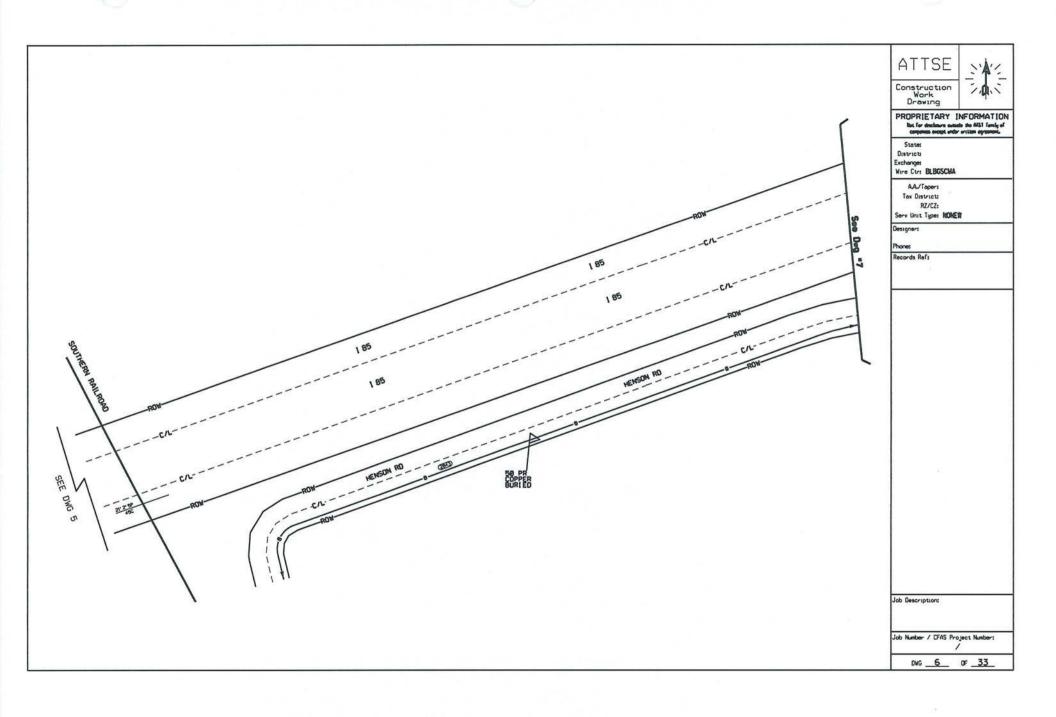
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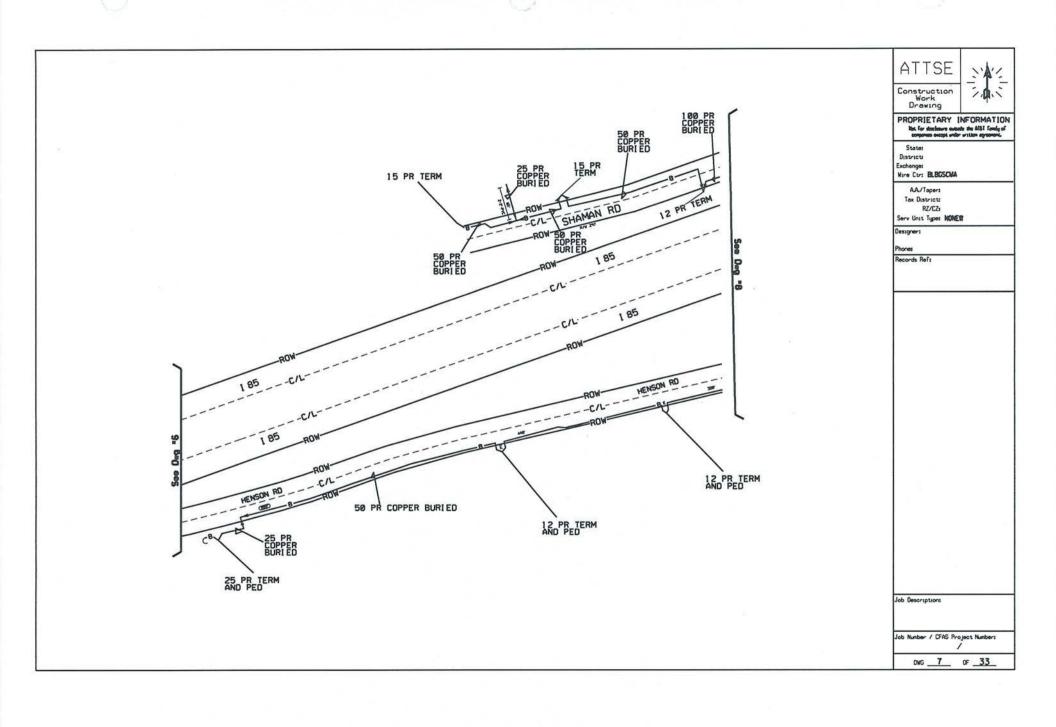
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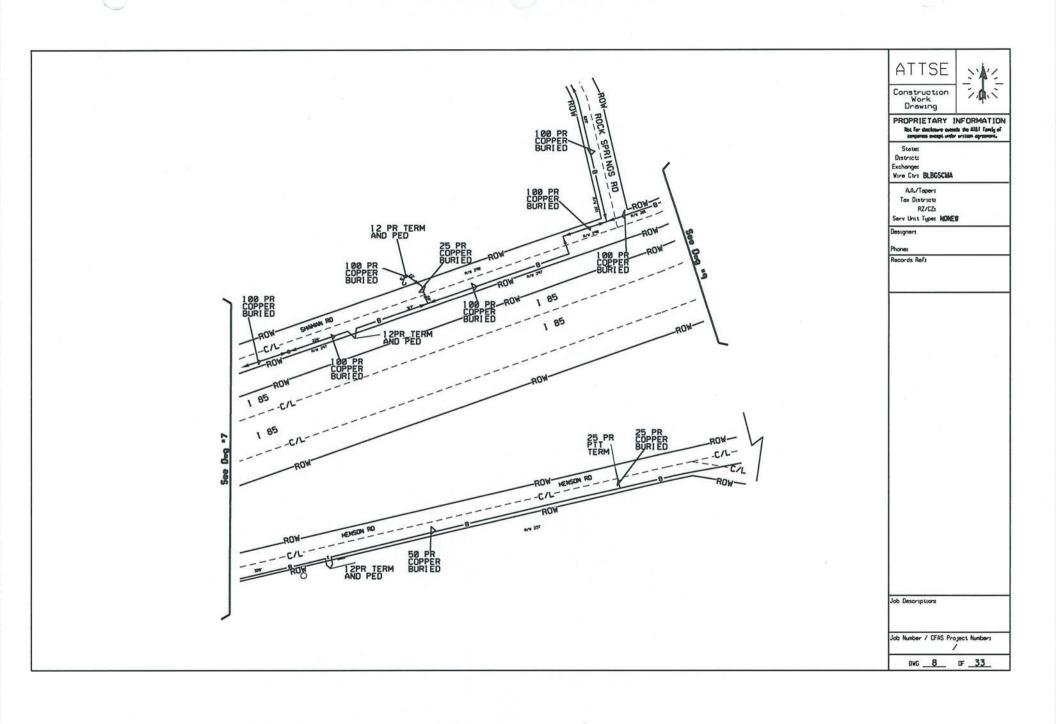
DWG 4

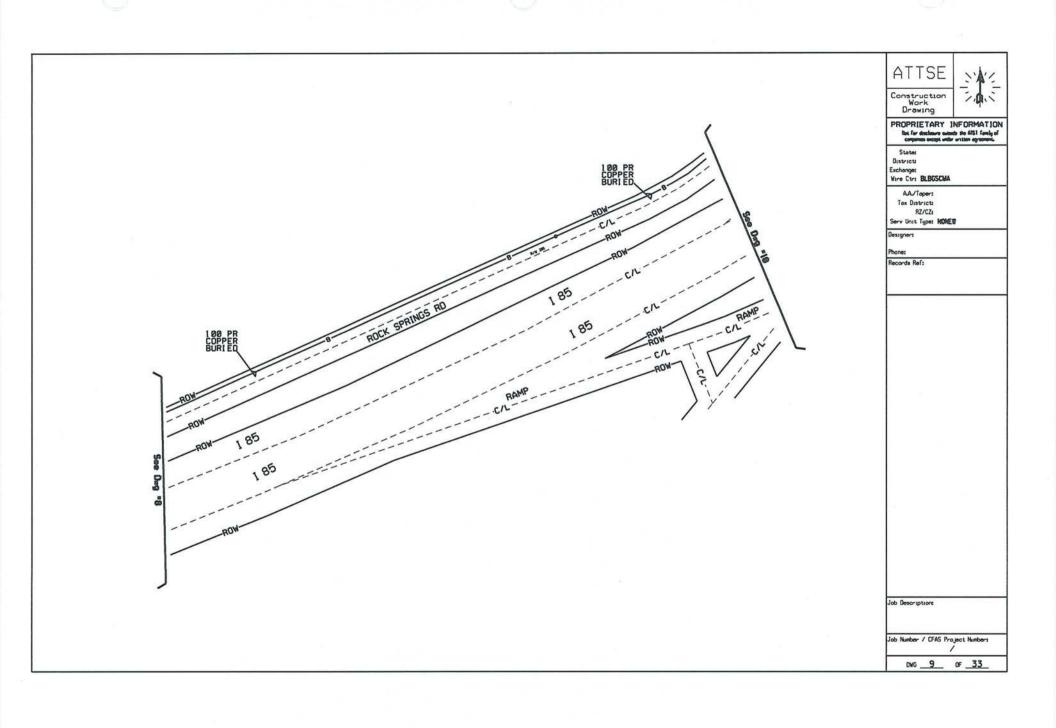
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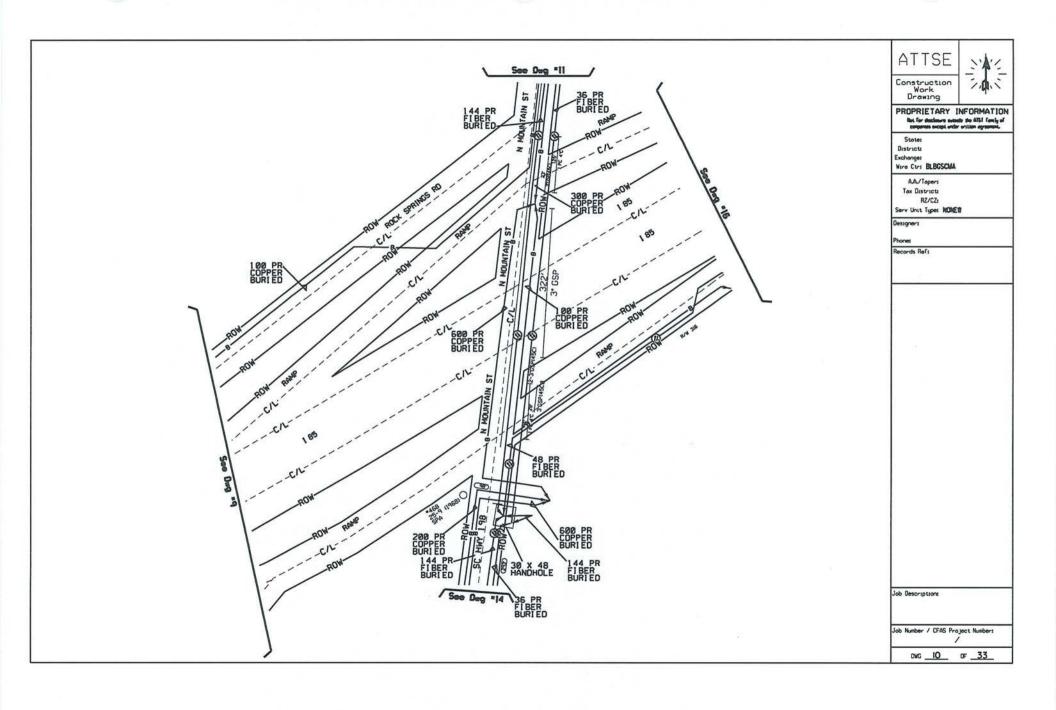


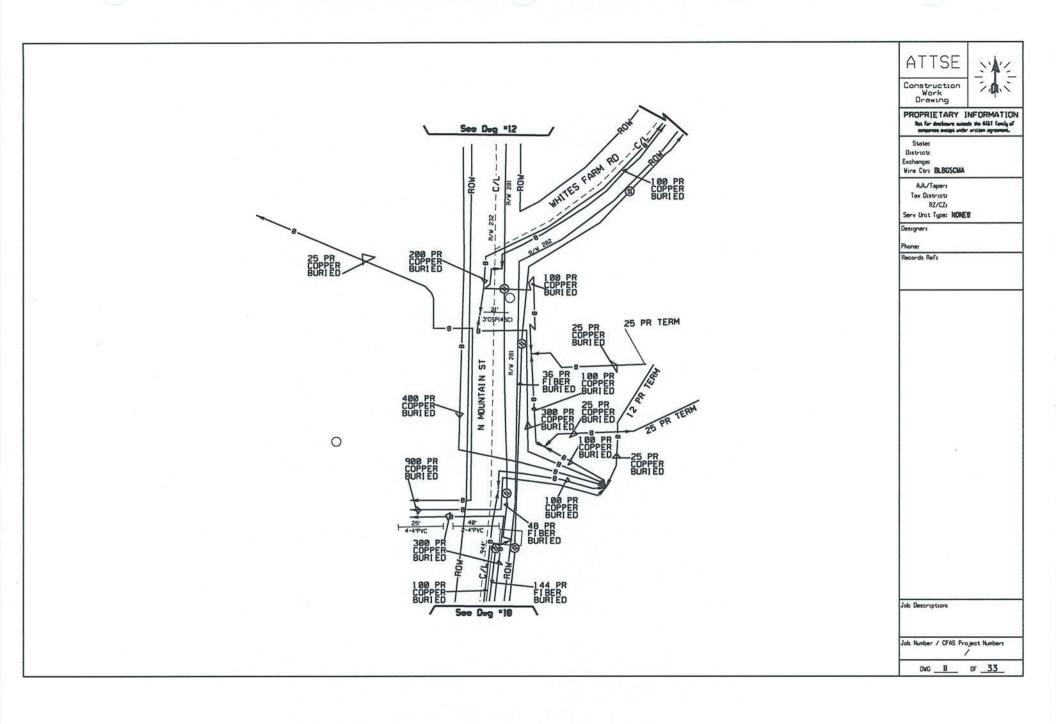


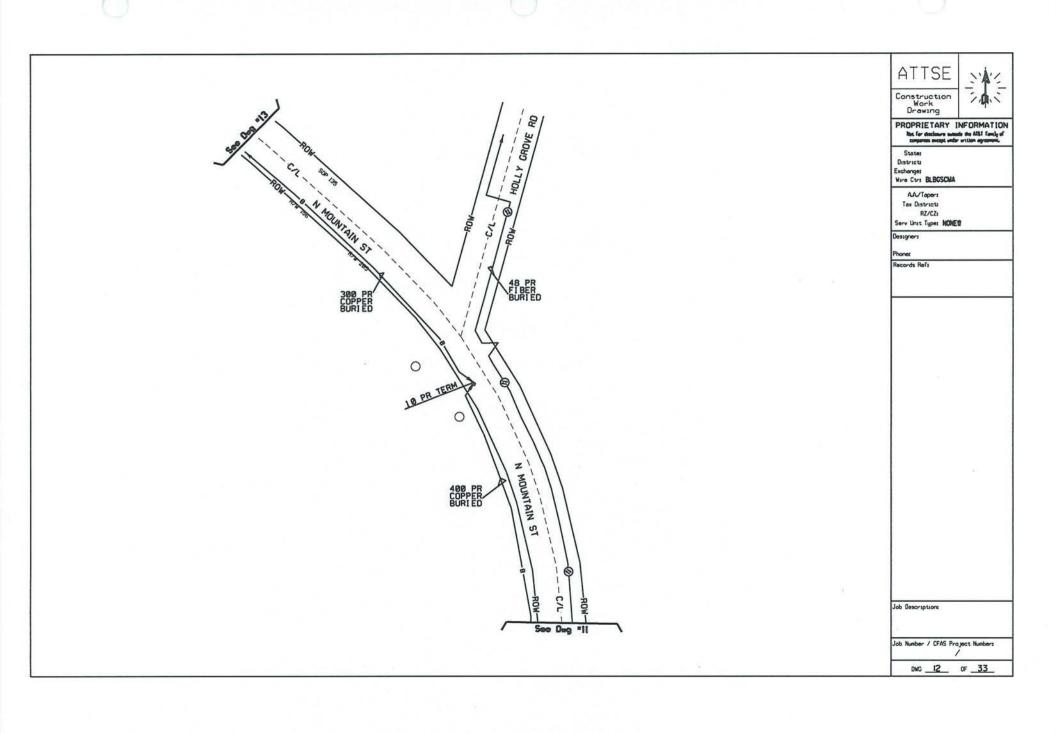


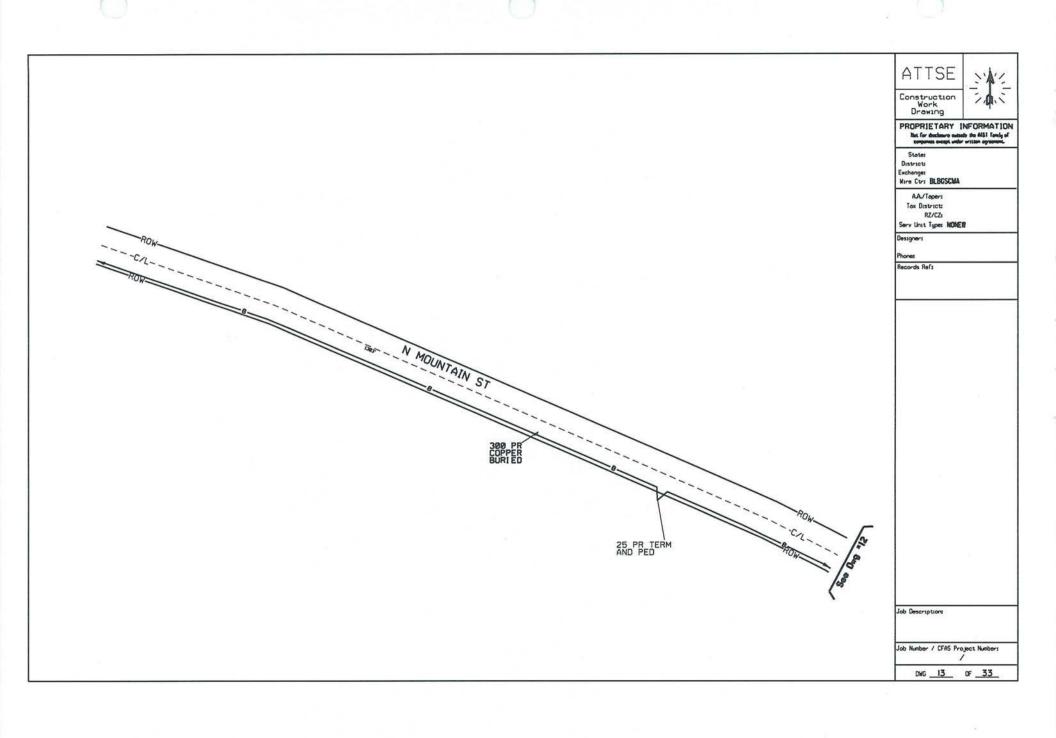


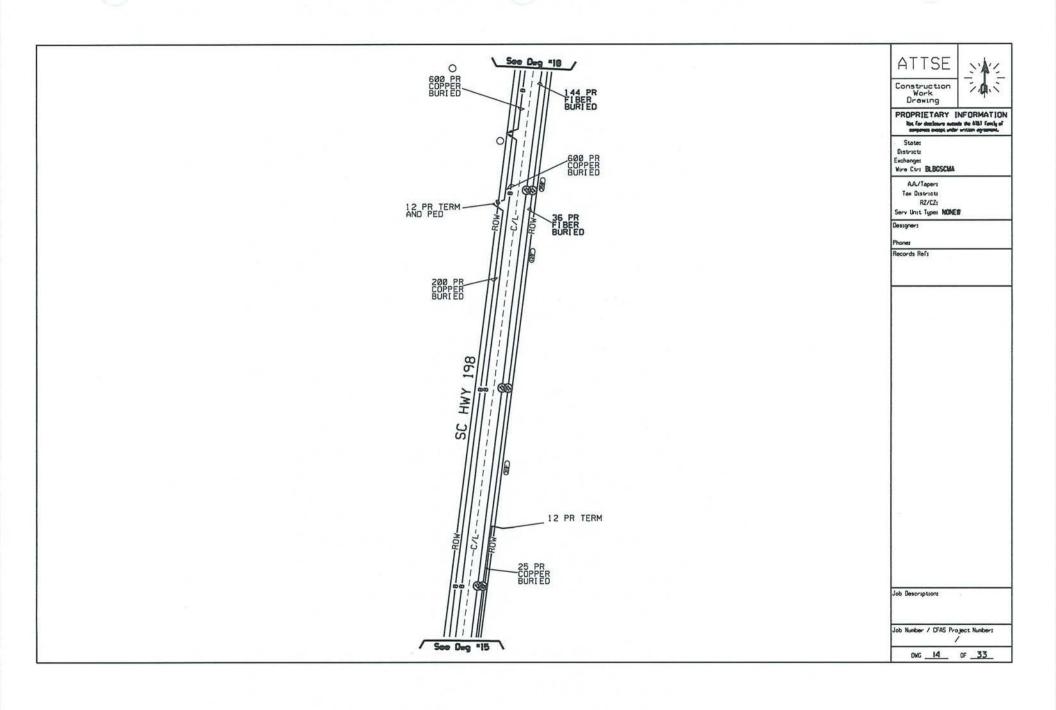


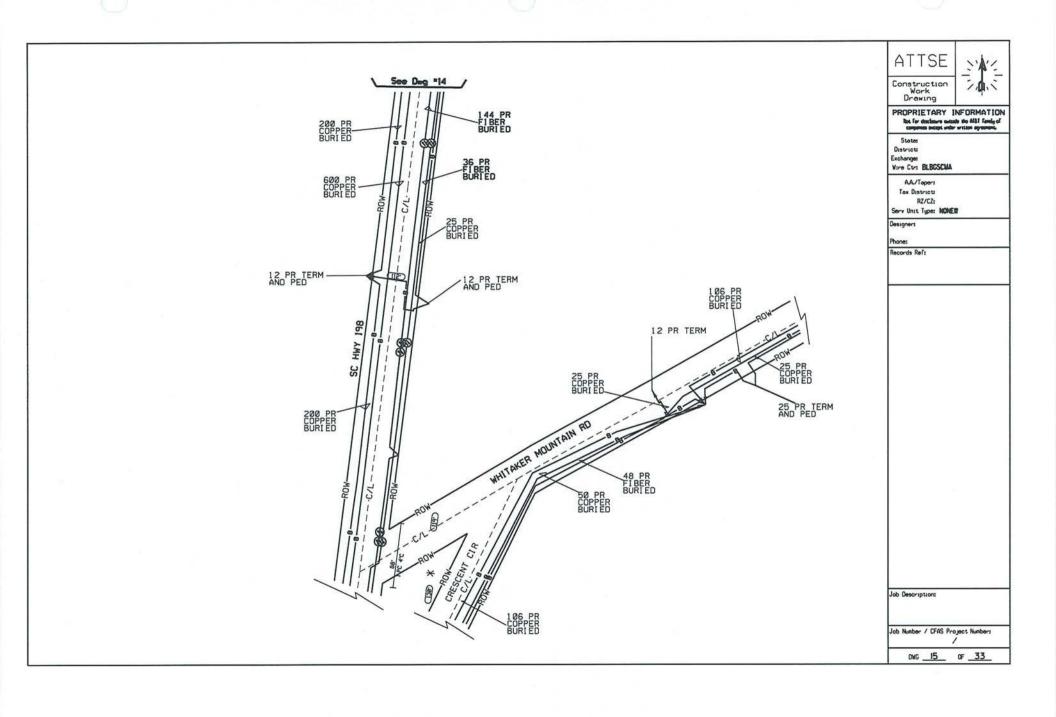


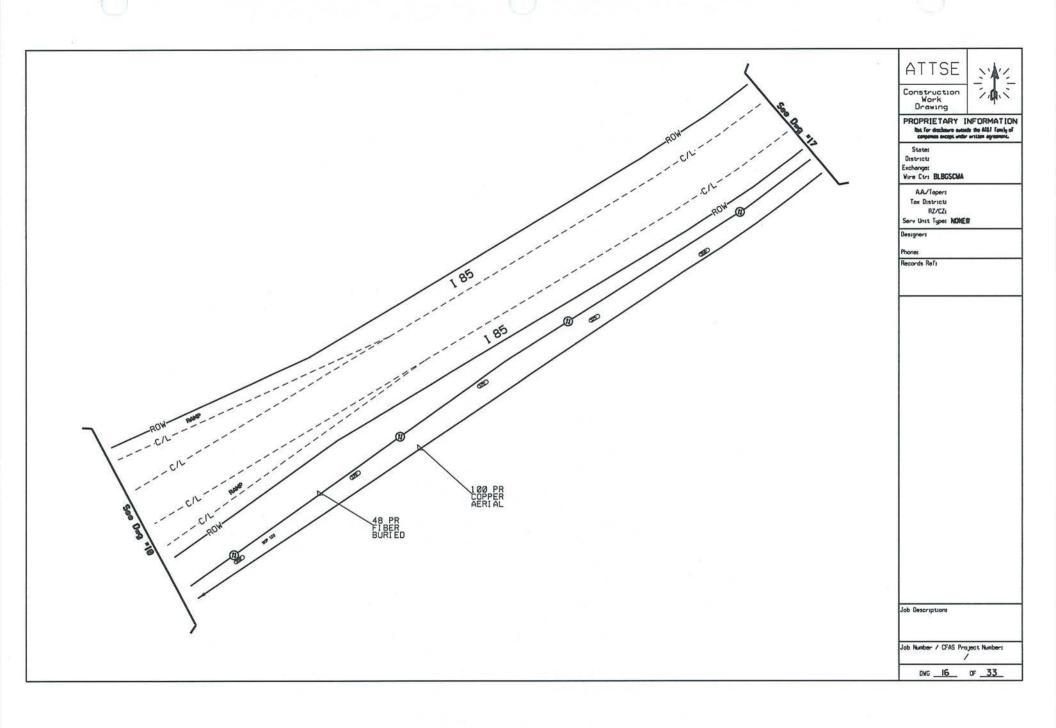


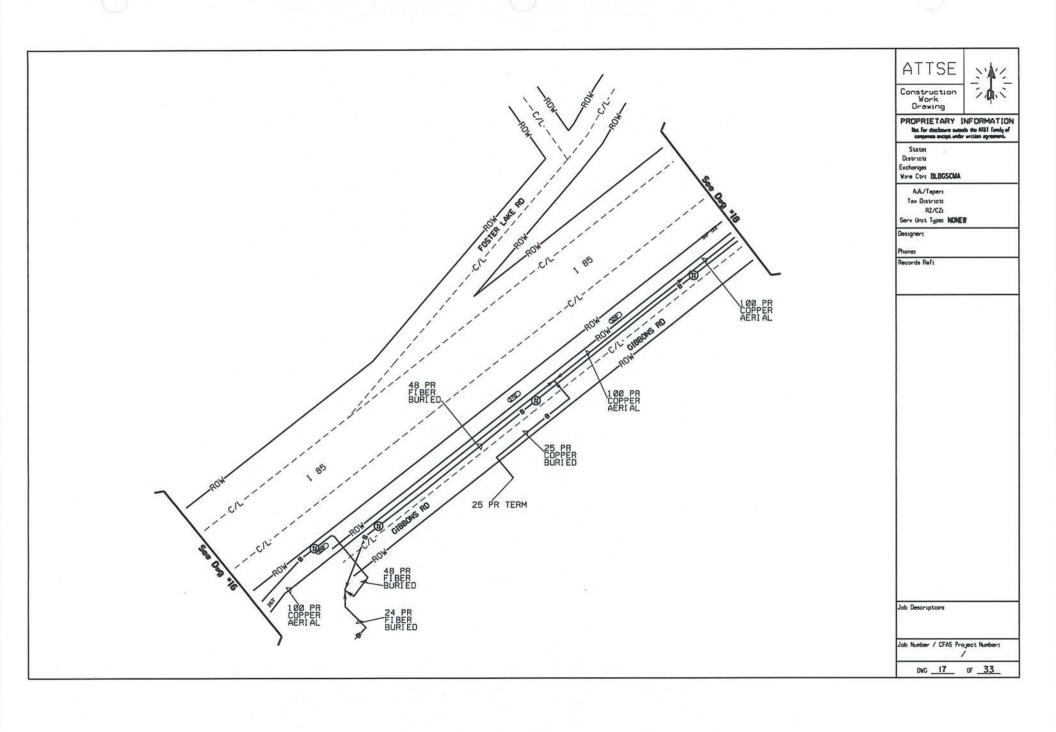


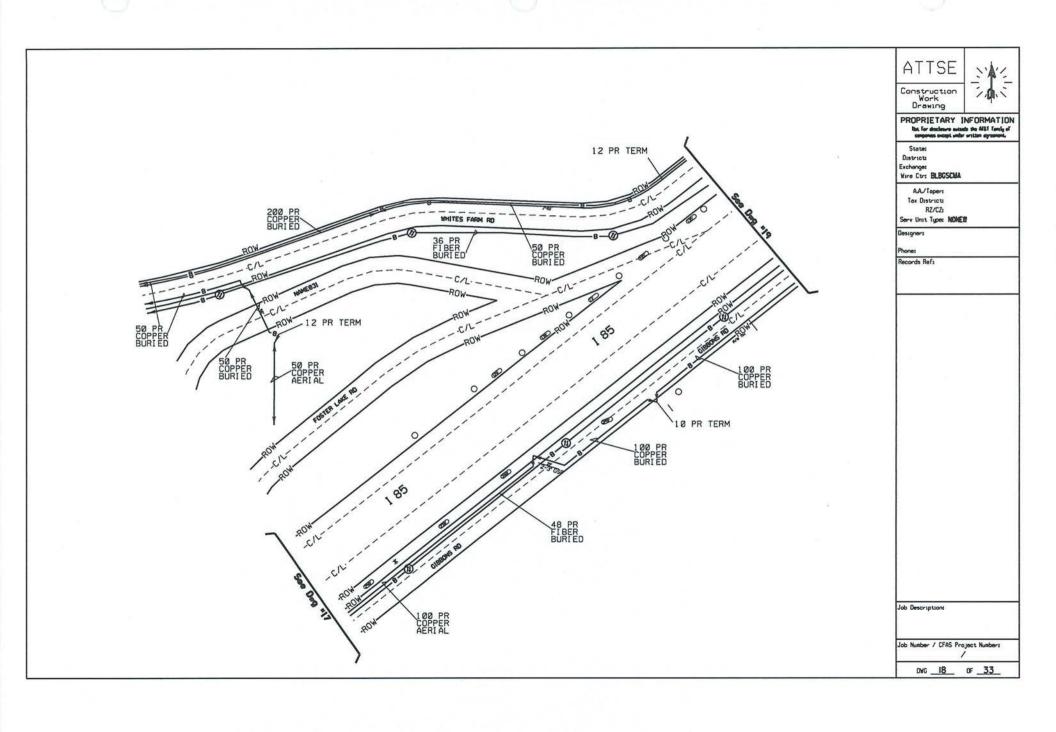


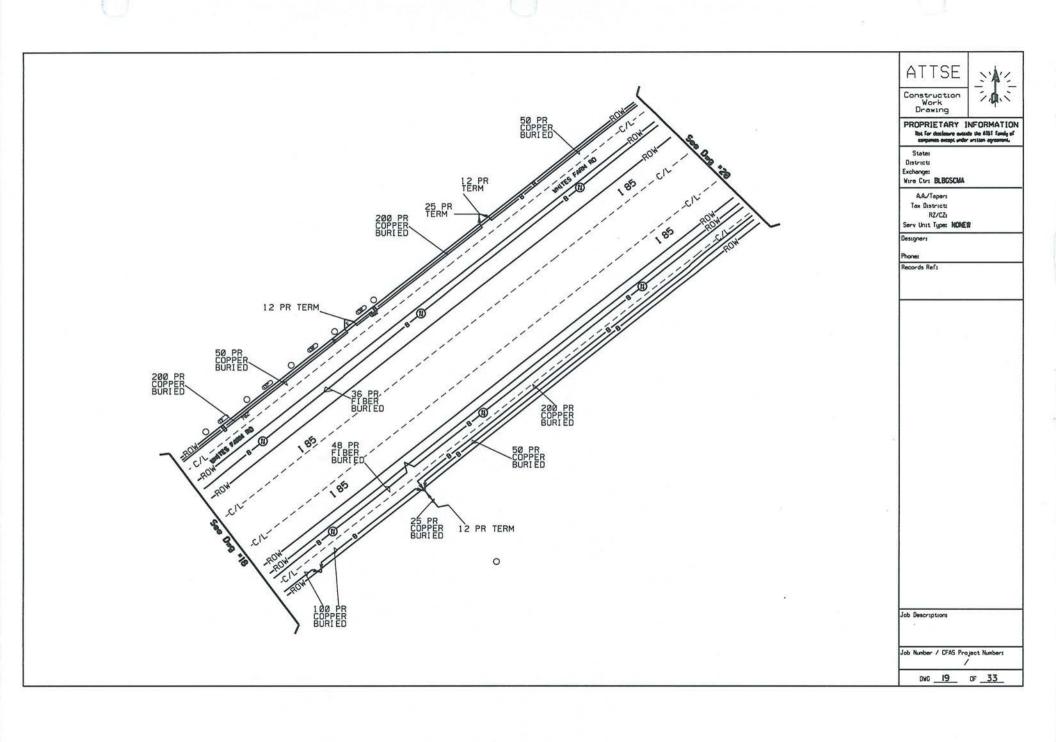


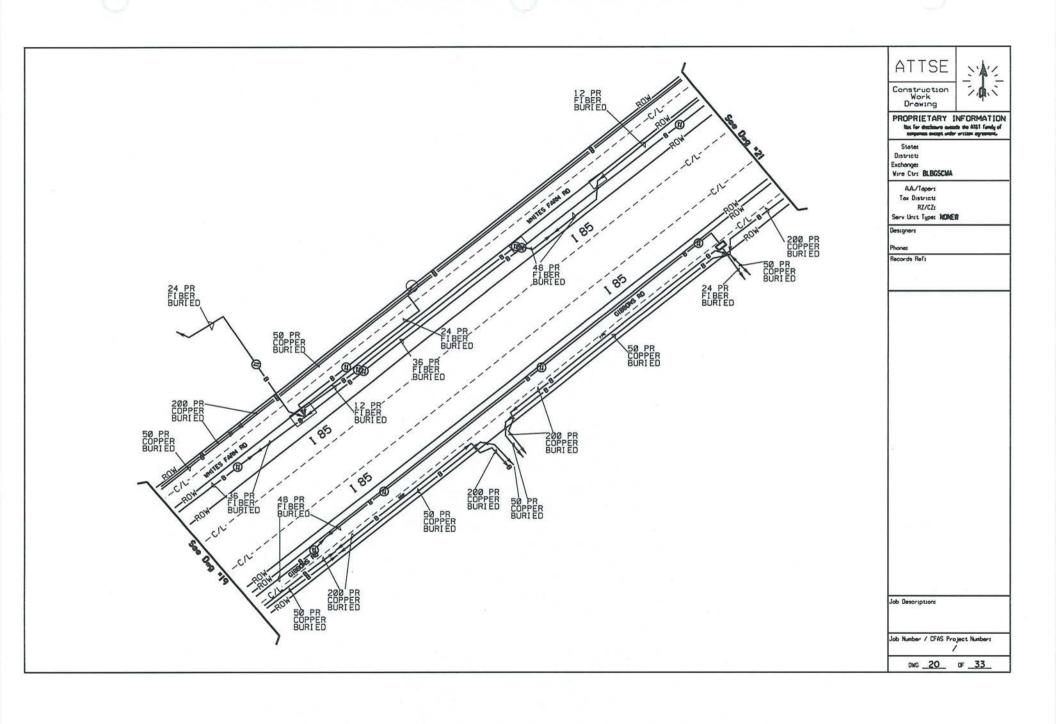


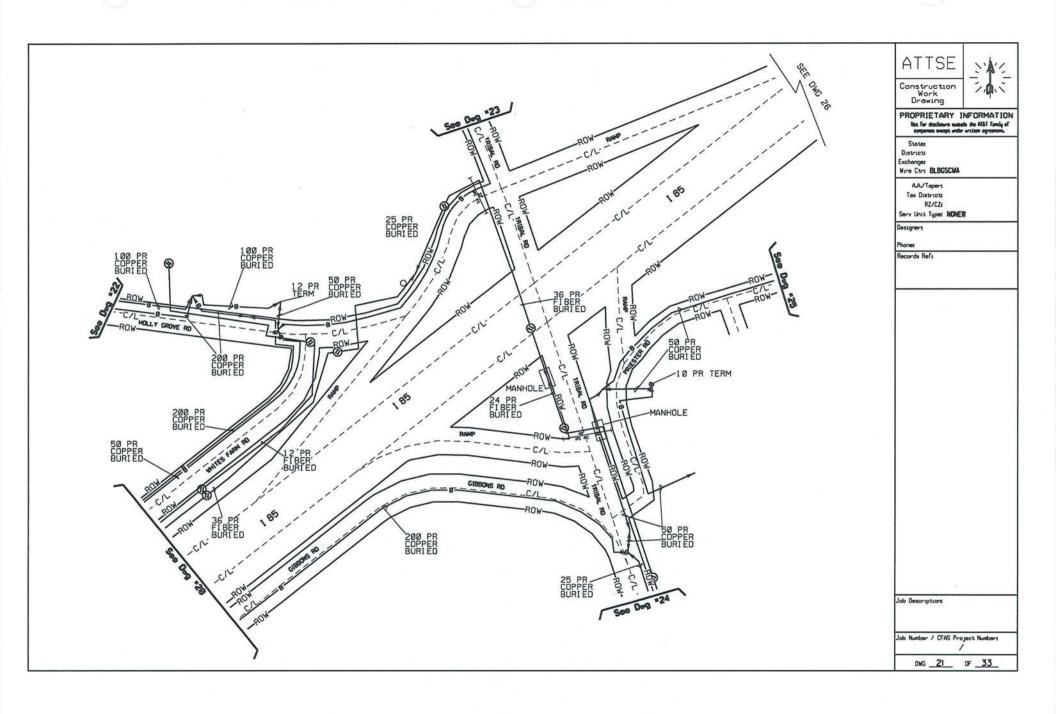


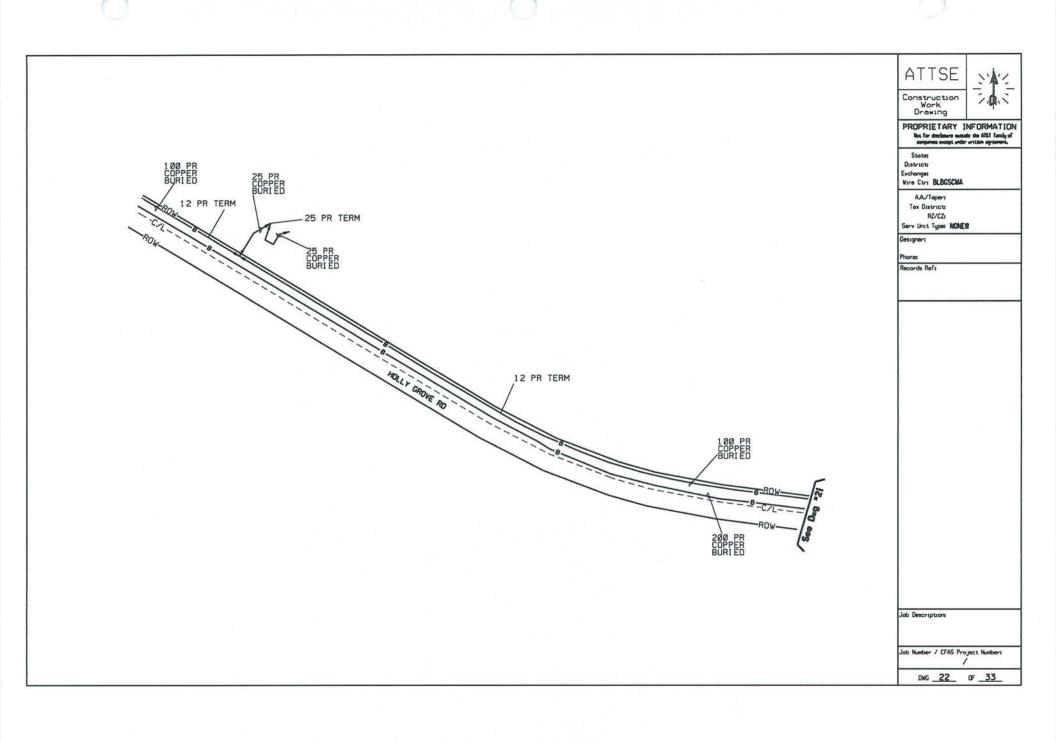


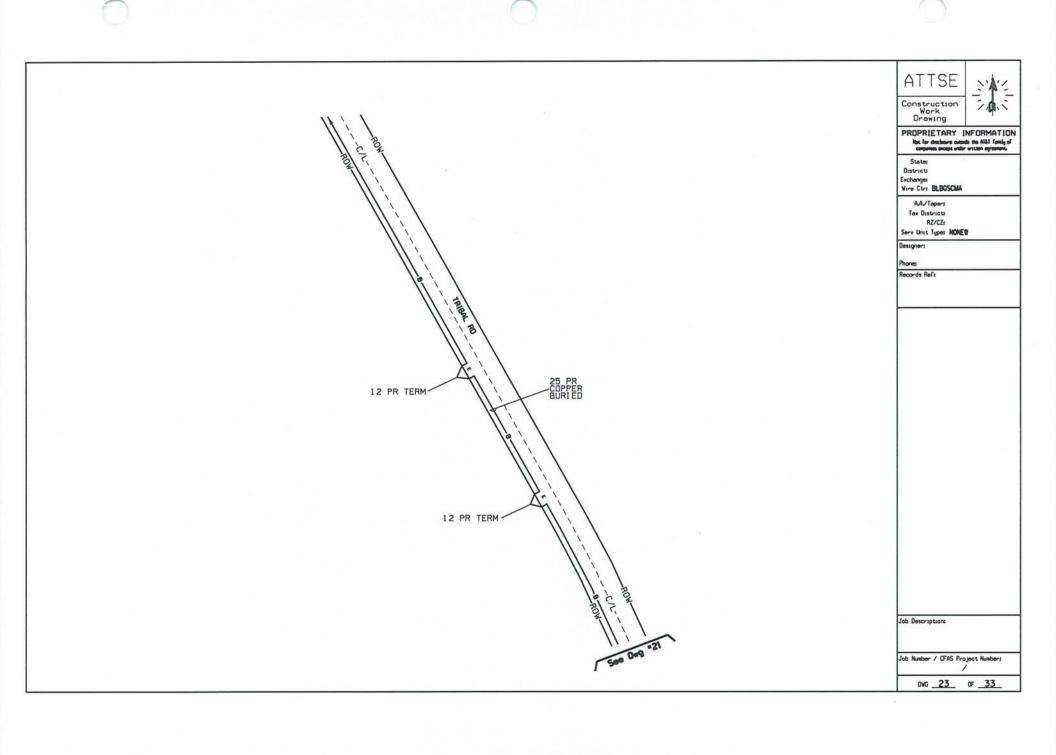


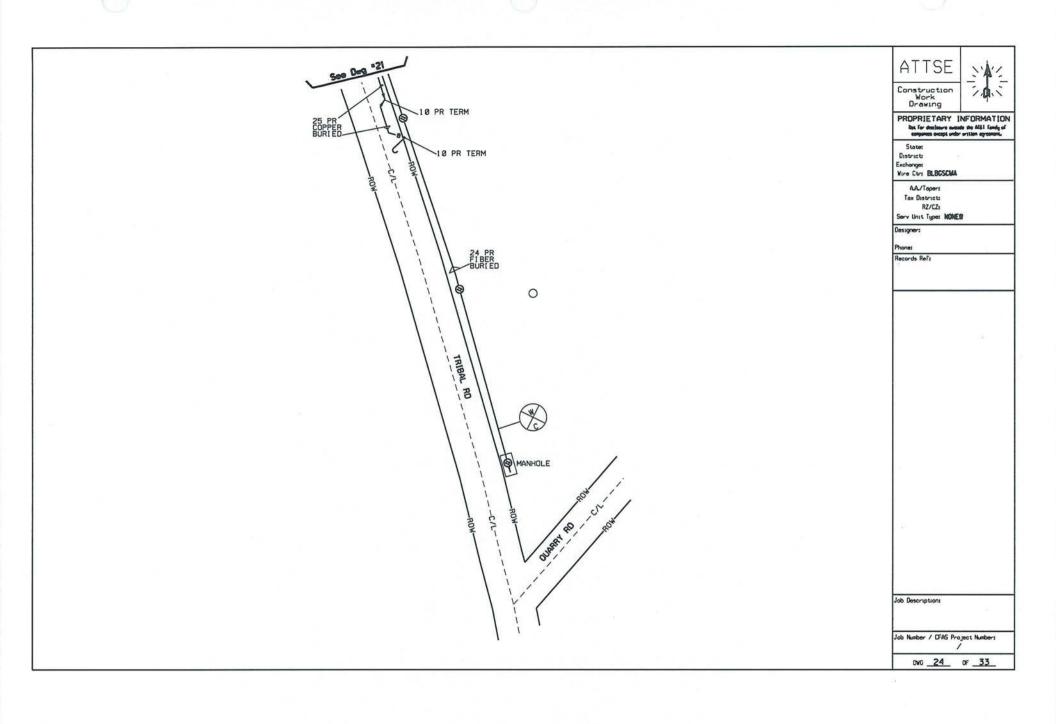


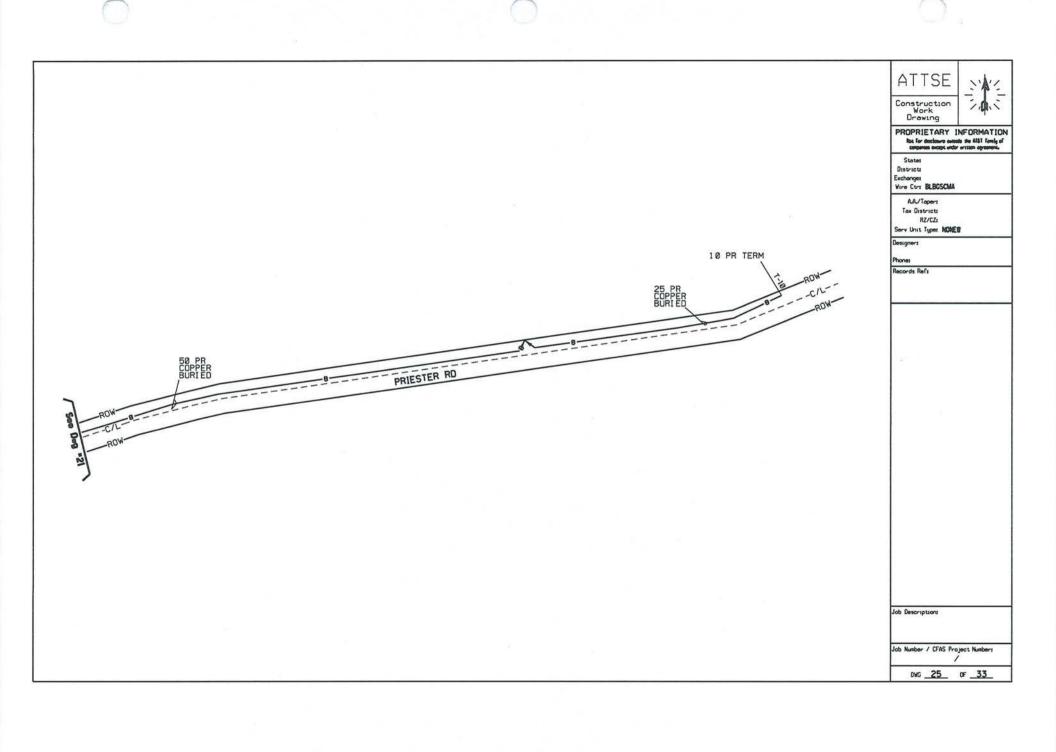


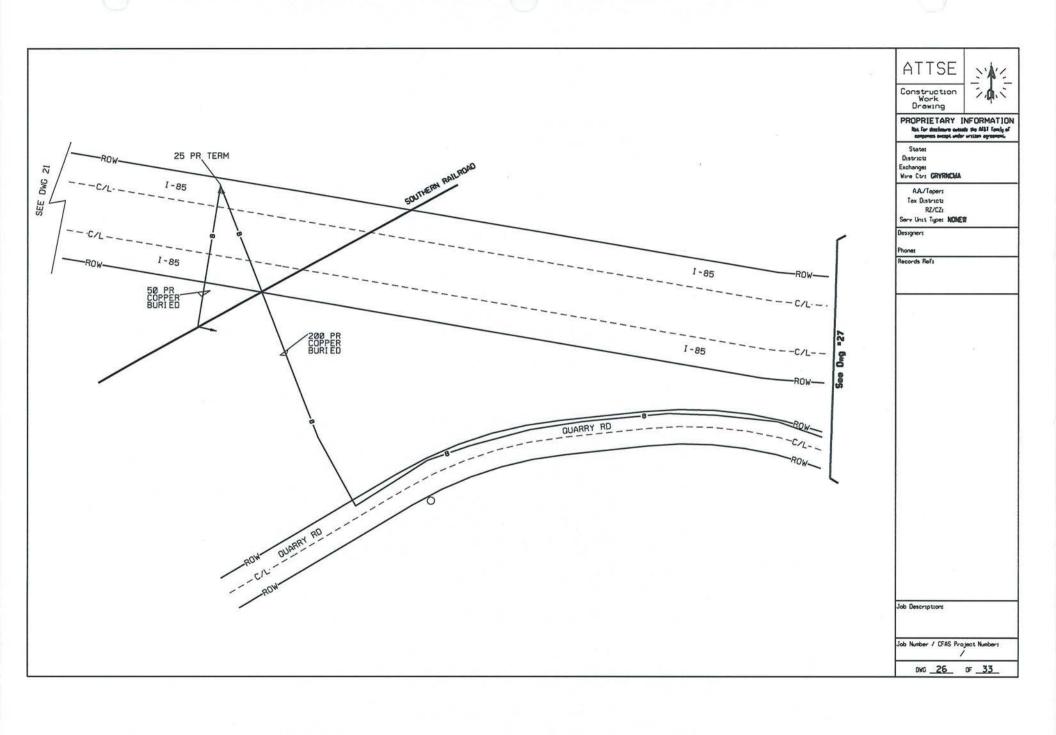


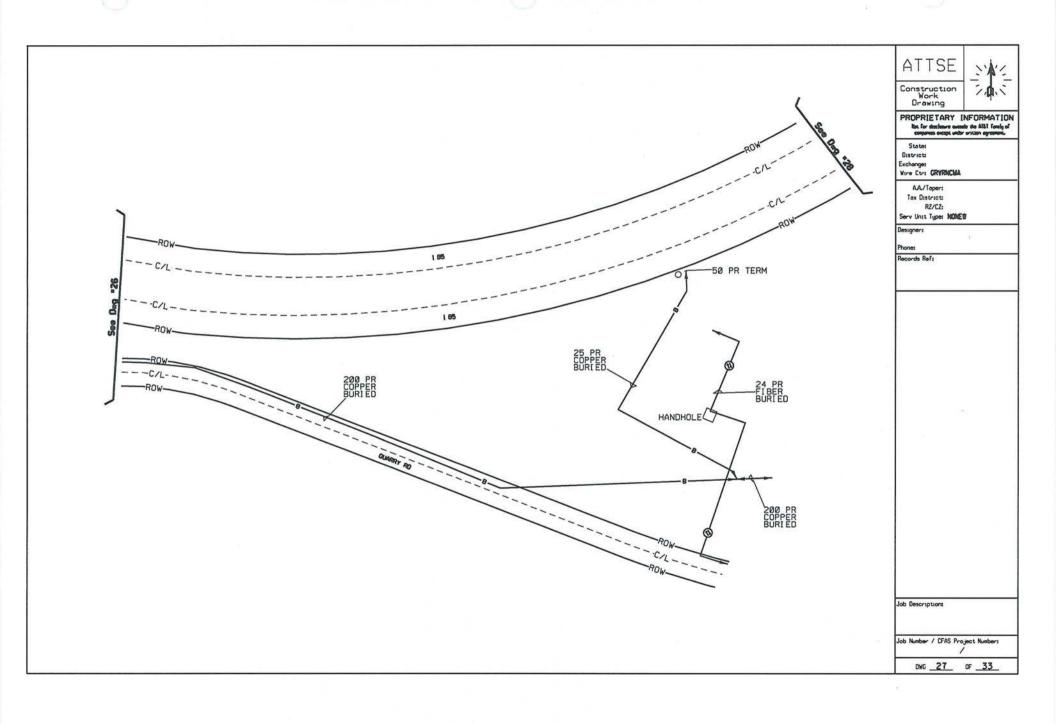


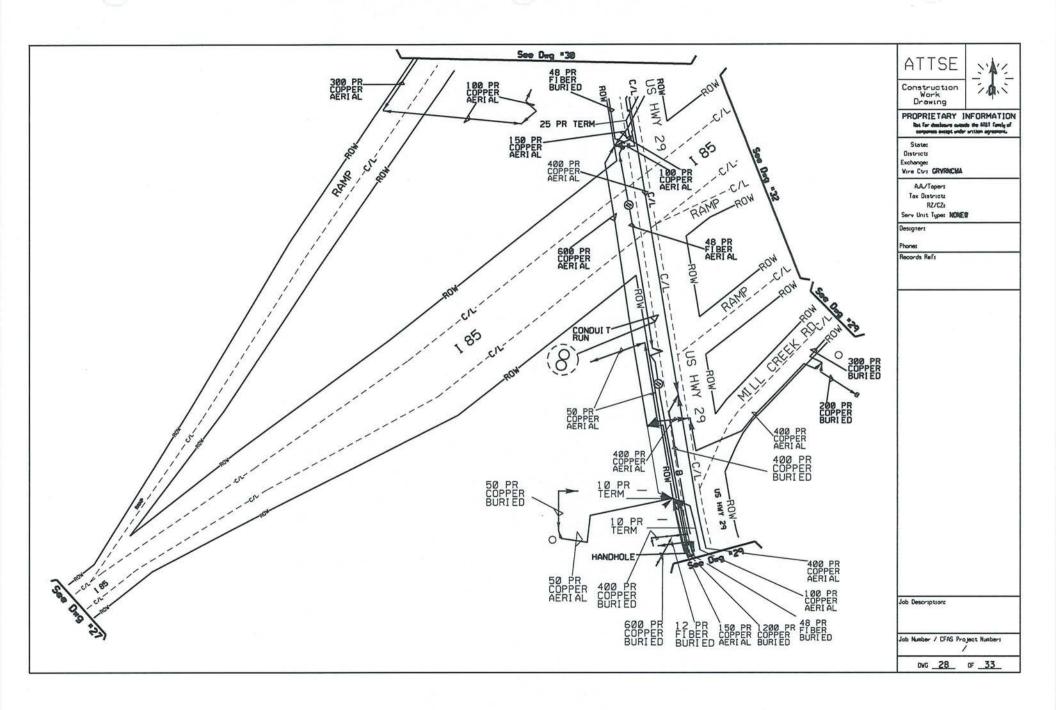


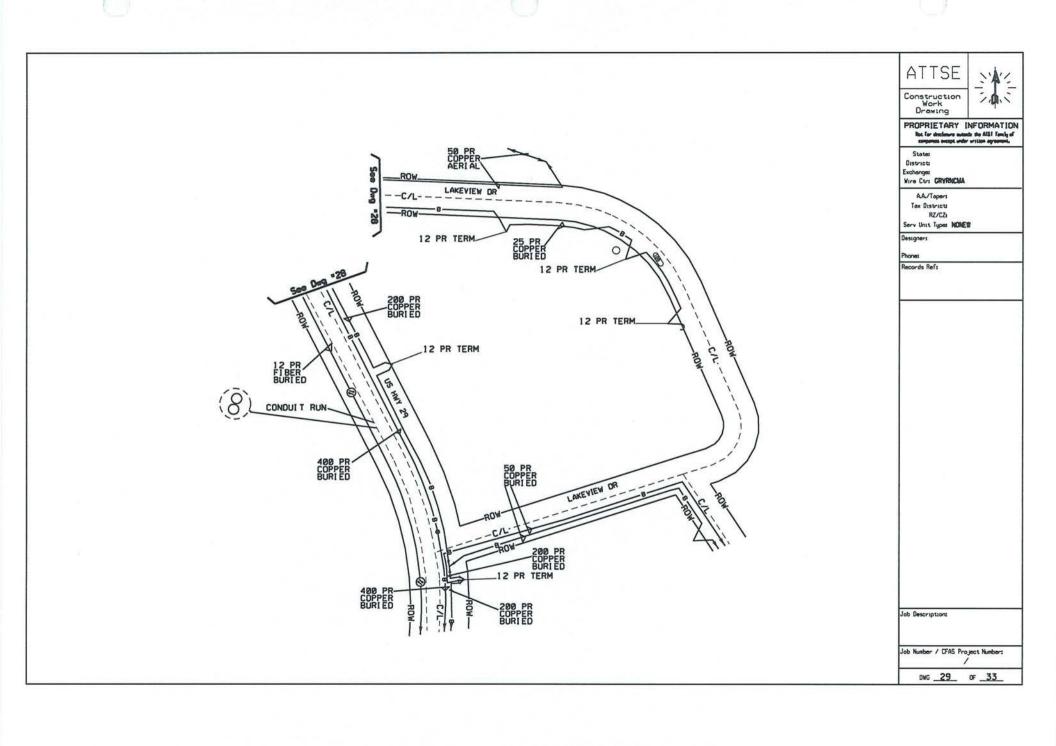


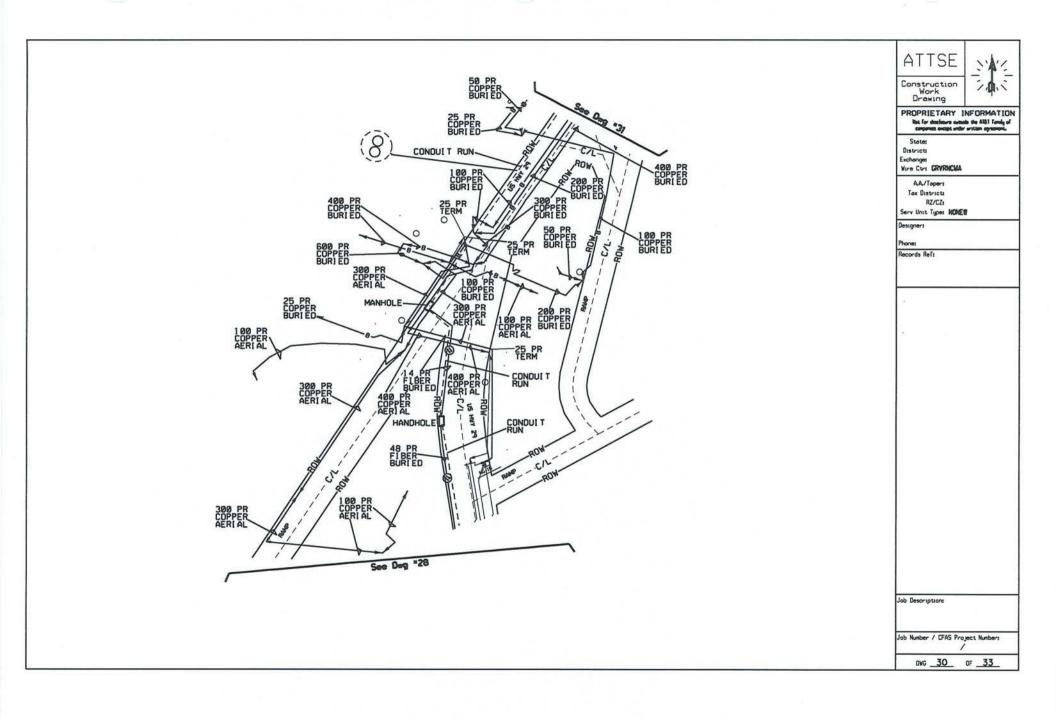


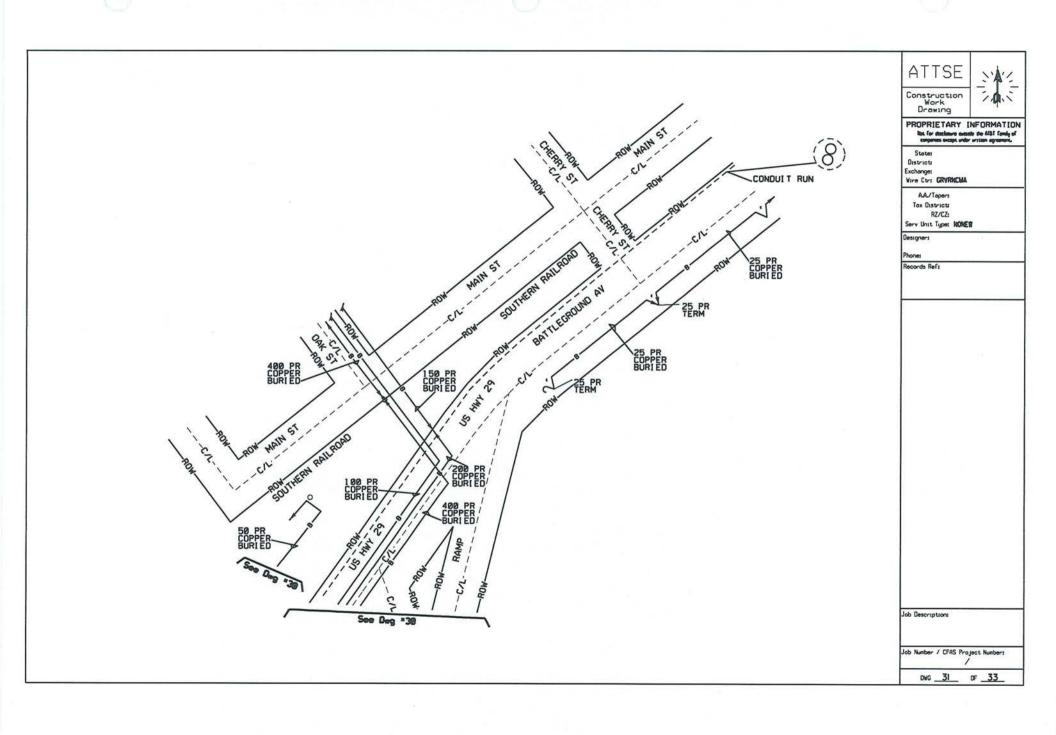


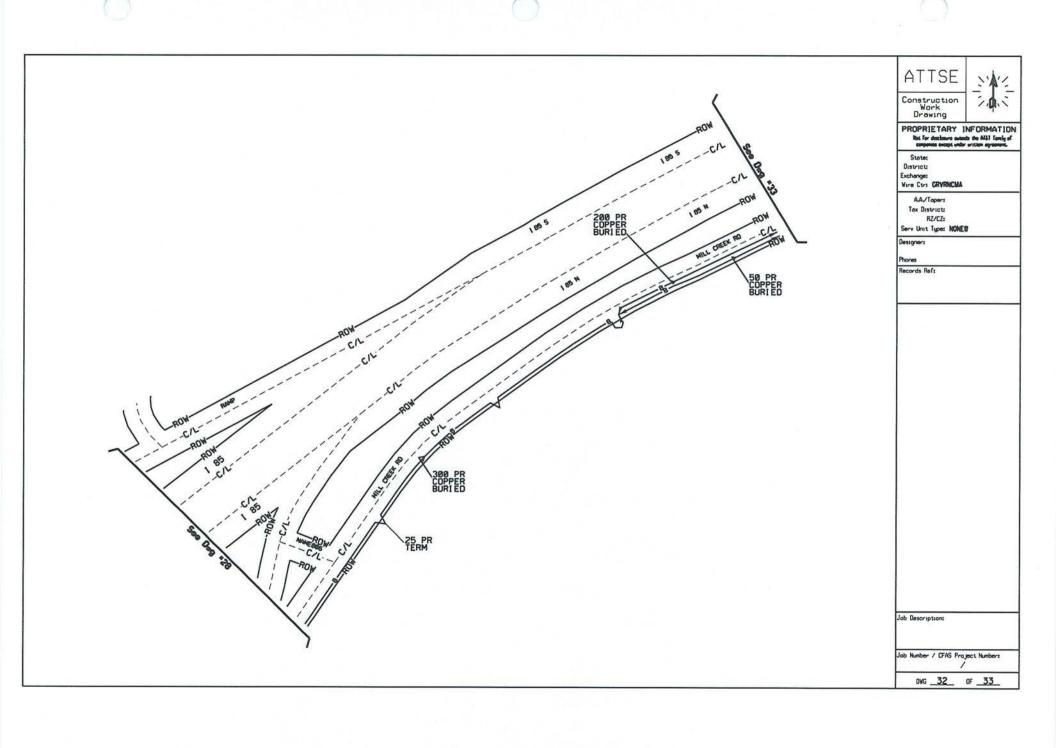


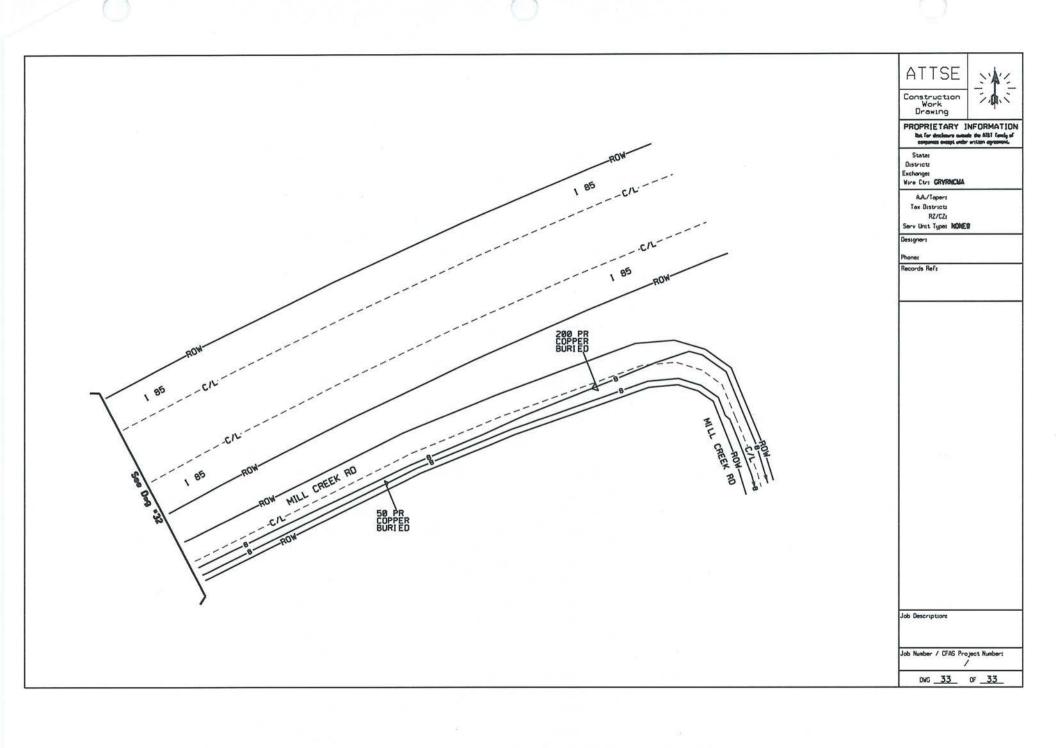




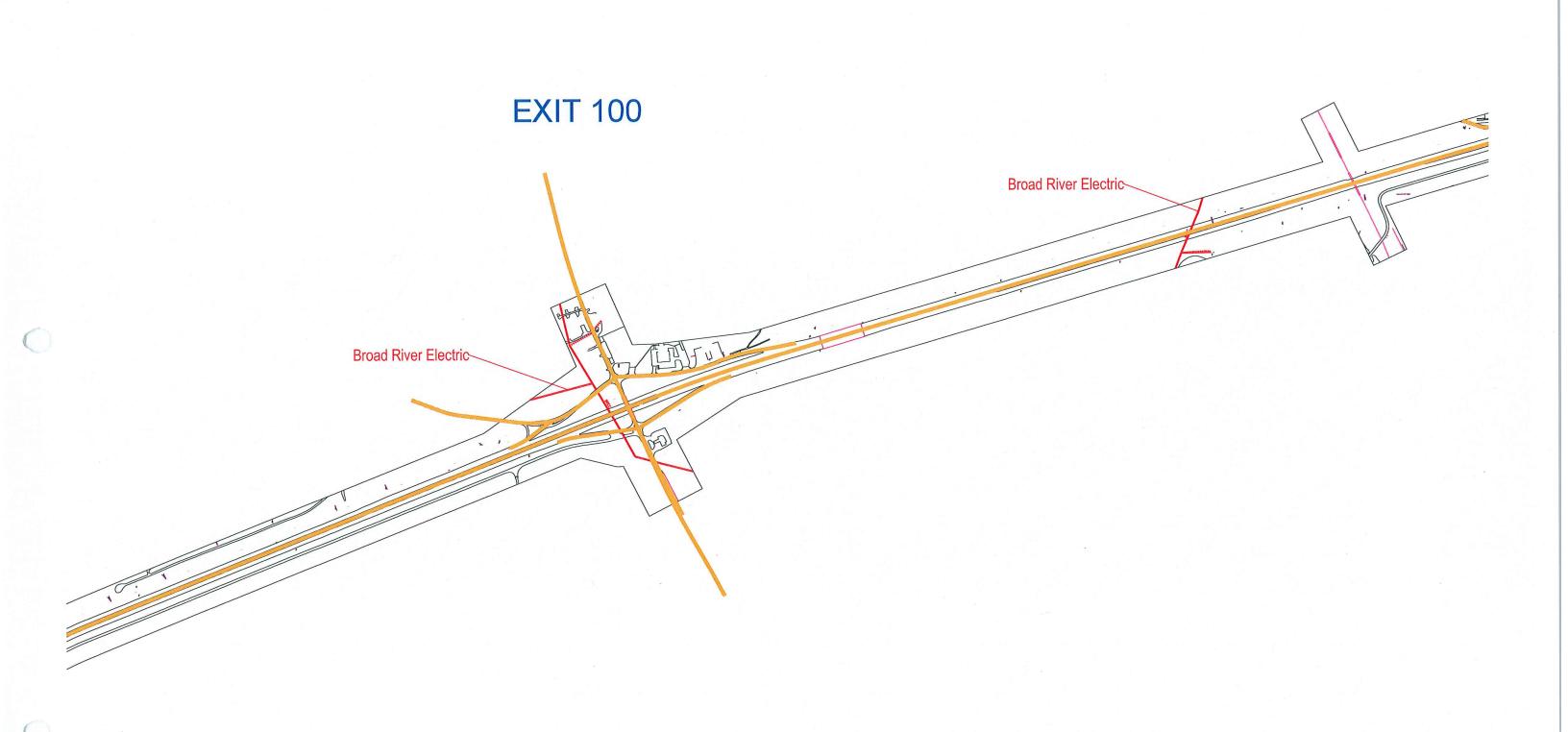


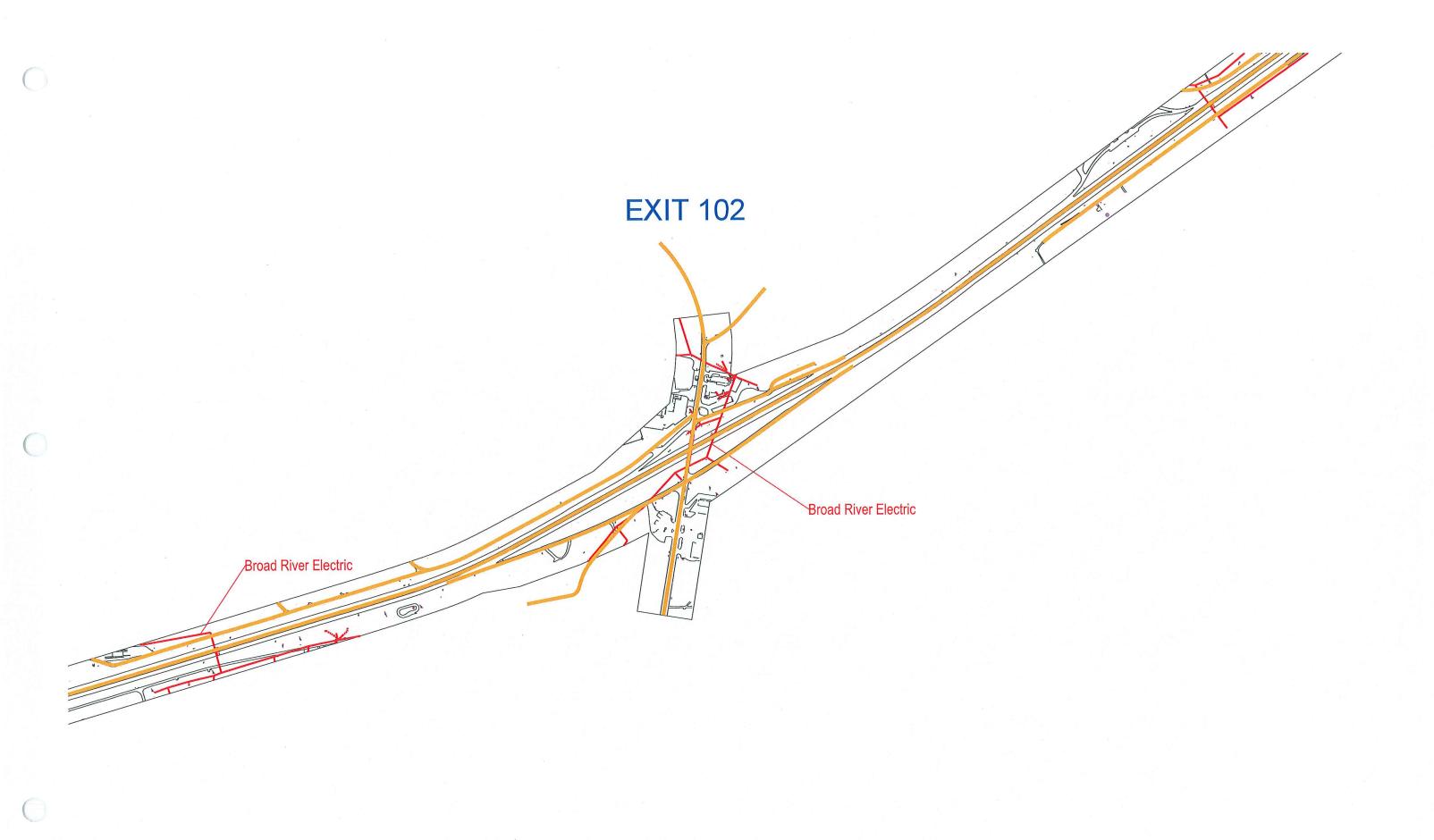




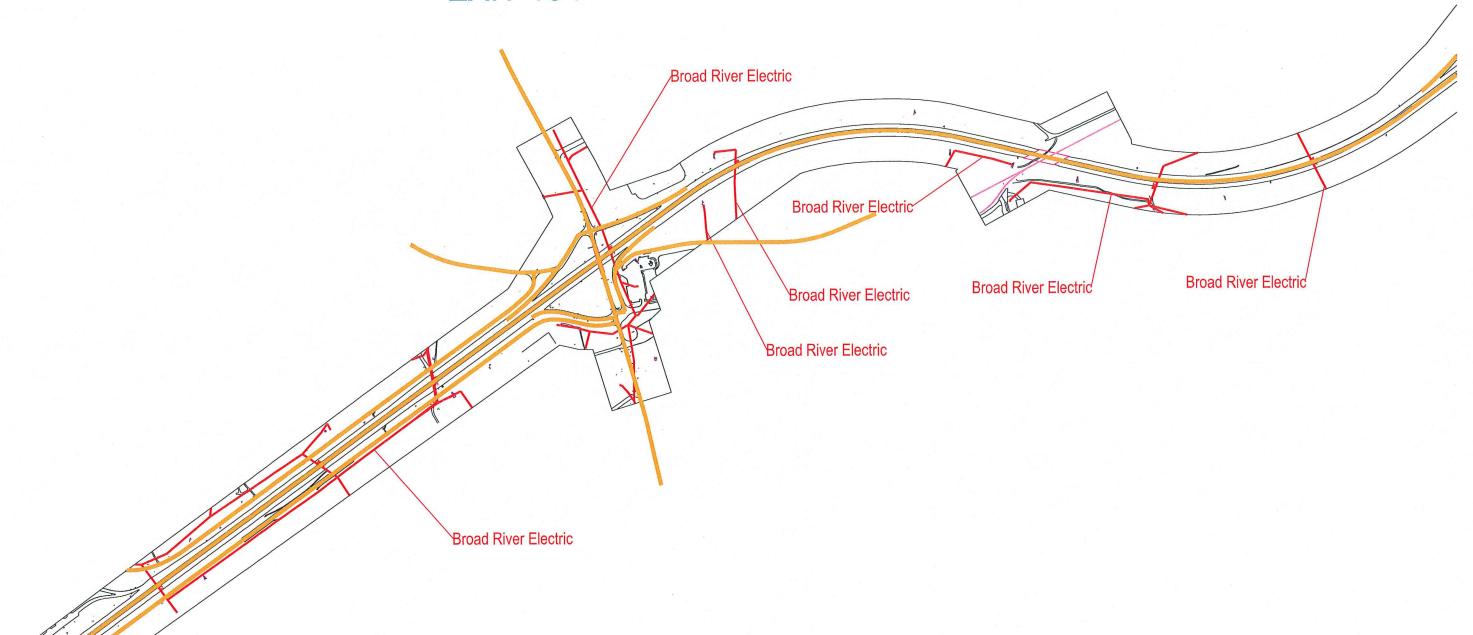


Broad River Electric Cooperative

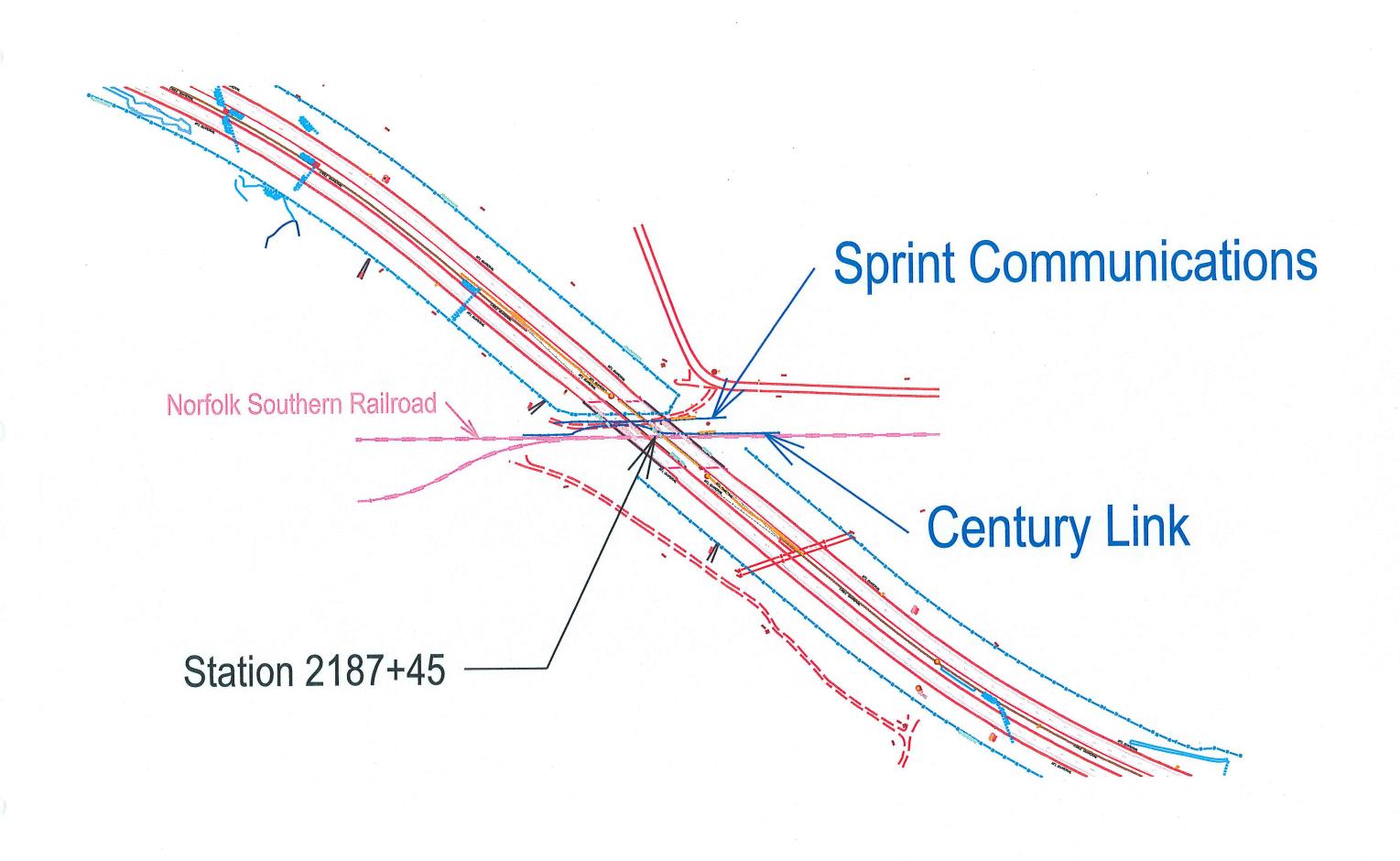




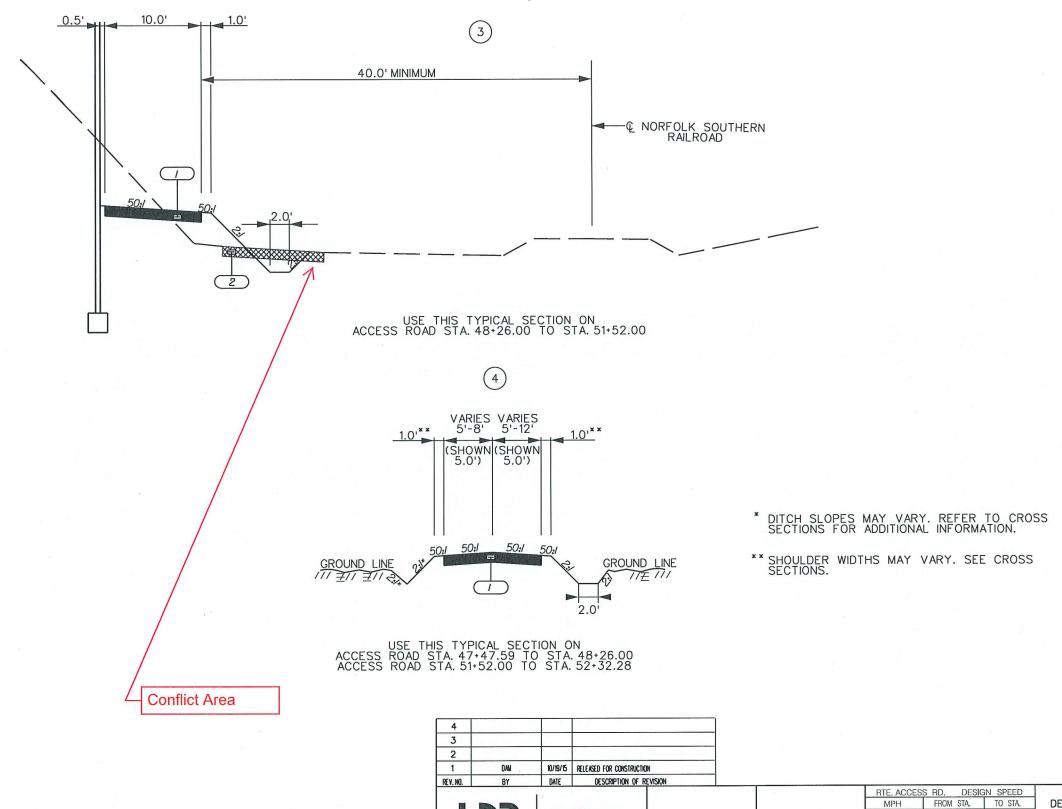
EXIT 104



Century Link



TYPICAL SECTION OF IMPROVEMENT SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.







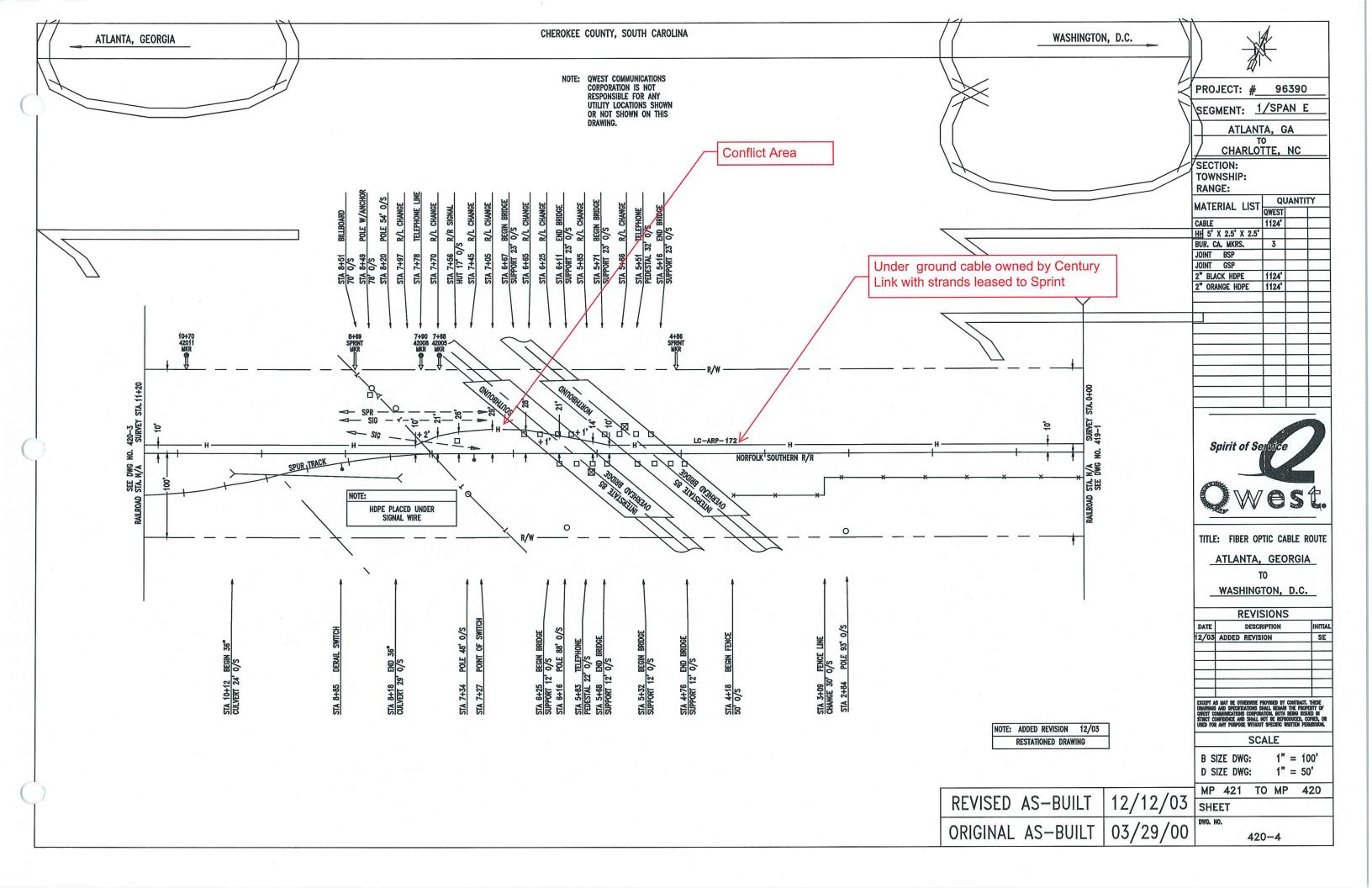
NEW UPAVED ACCESS ROAD 2) EXISTING ACCESS ROAD

ICA Engineering Inc. 501 Huger St, Columbia SC, 29201 THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

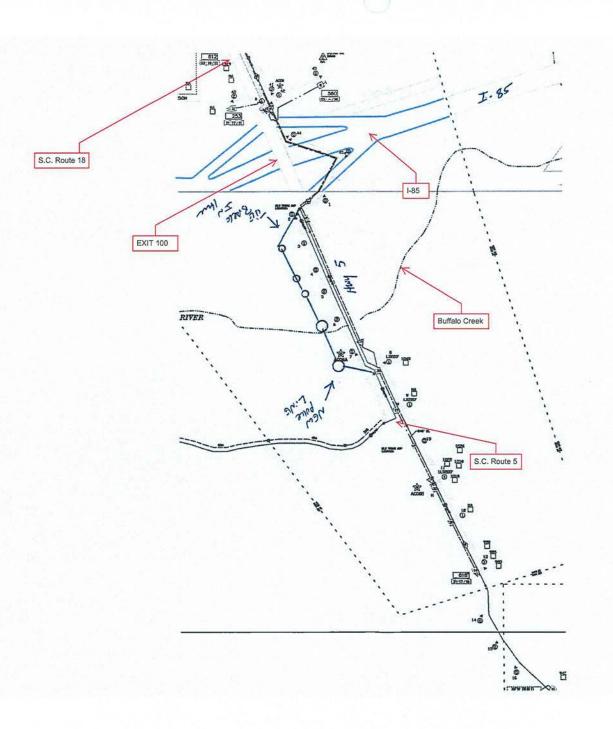
THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: DAVID A. MONTGOMERY P.E. NO. 17997 ON 10-19-15 NA EXCEPTIONS TO DESIGN SPEED SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C. I-85 OVERPASS OVER NORFOLK SOUTHERN RAILROAD

TYPICAL SECTION

SCALE 1"V-2" SCALE 1"H-5" DWG. NO. 3B

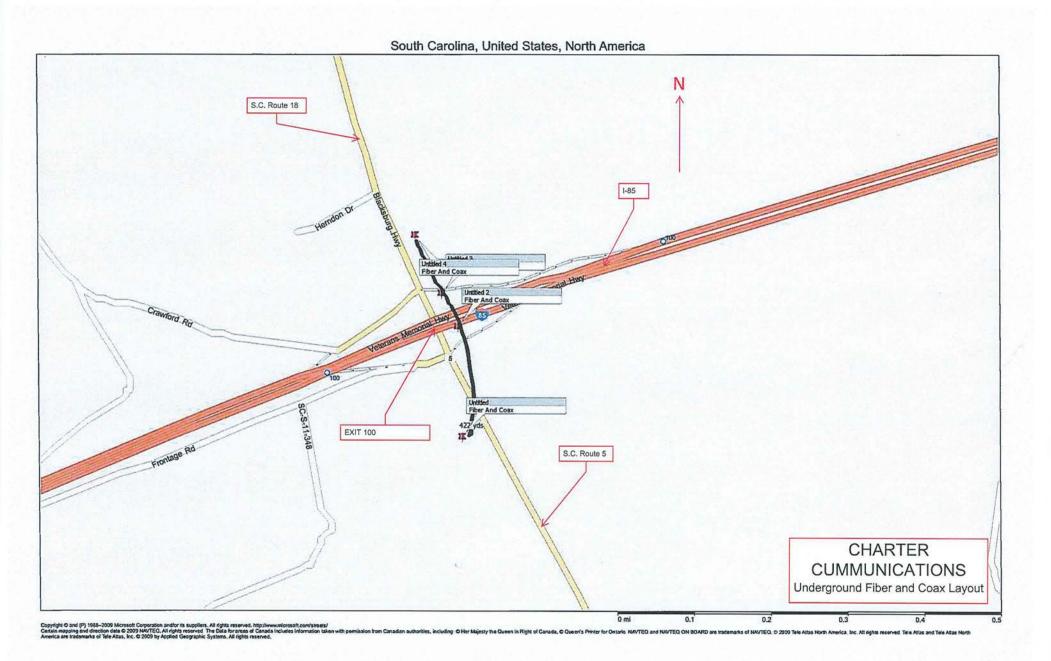


Charter Communications

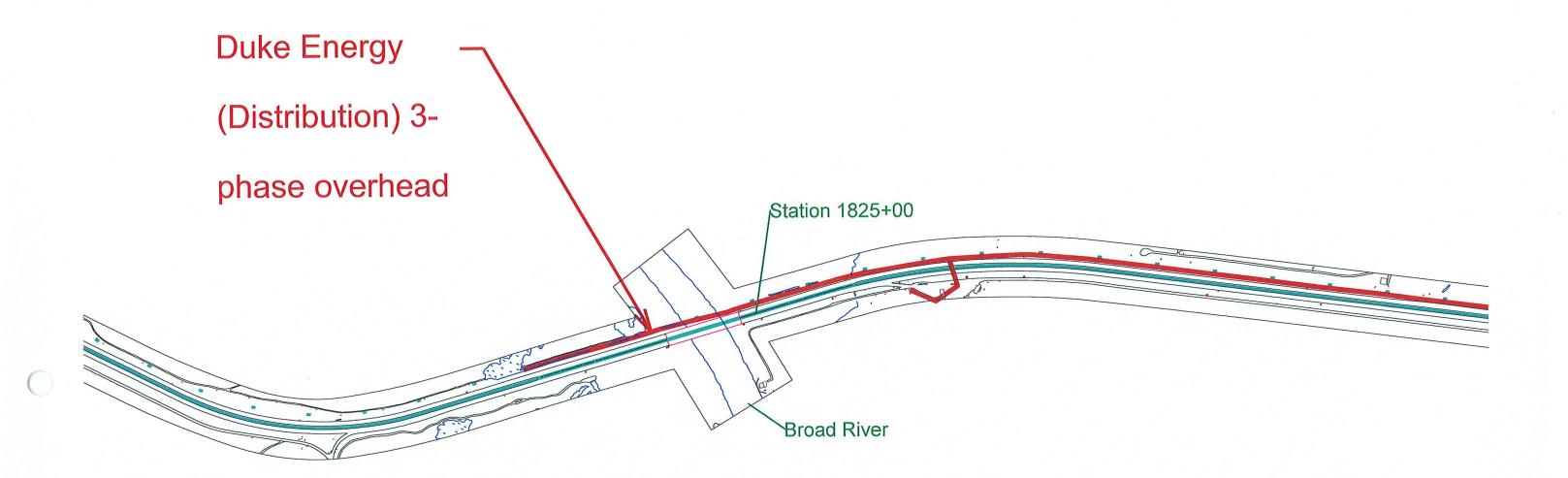


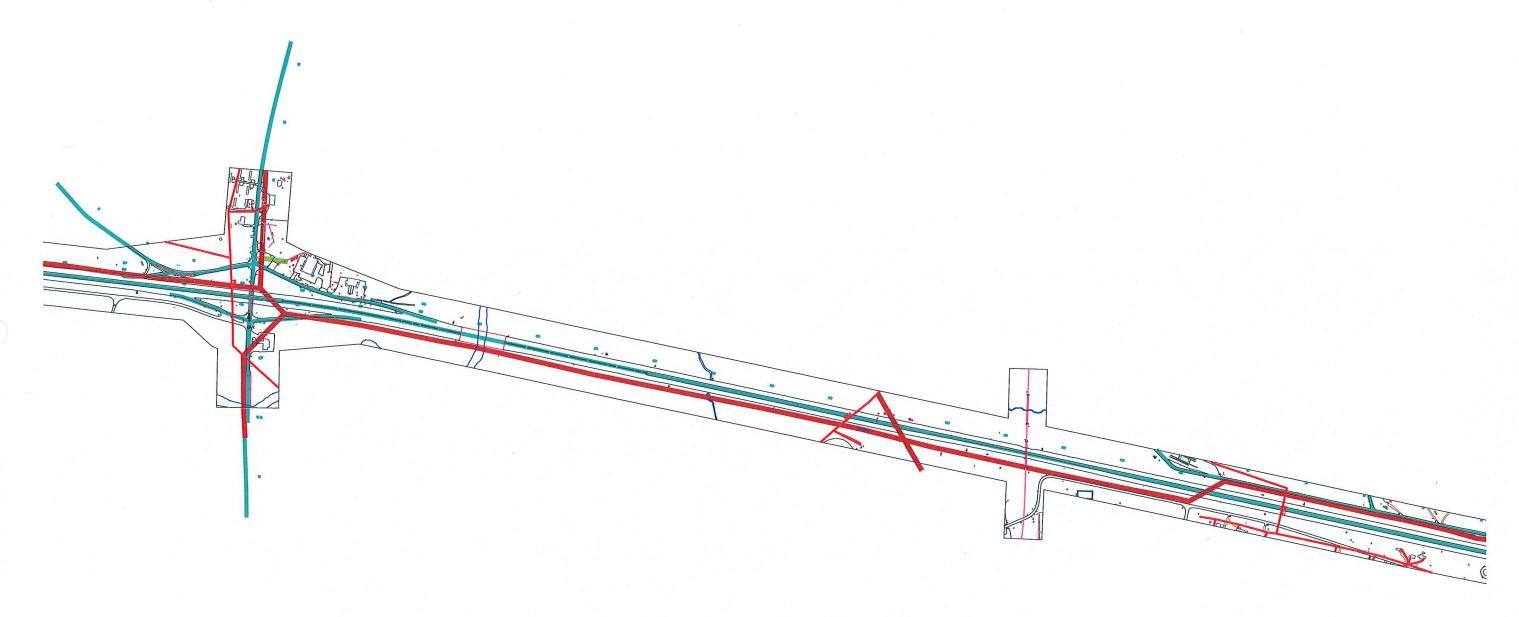
CHARTER
COMMUNICATIONS
Aerial Cable layout

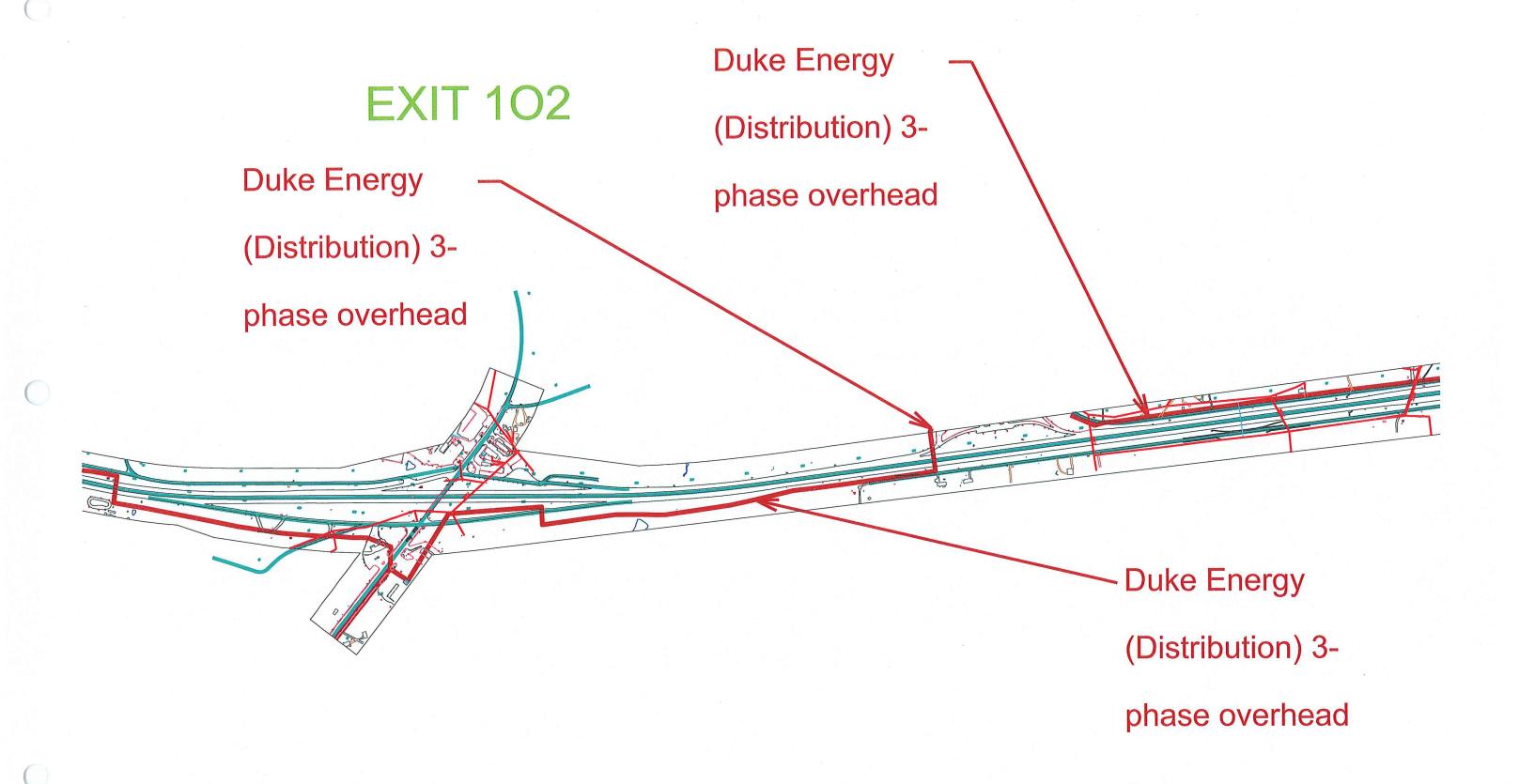
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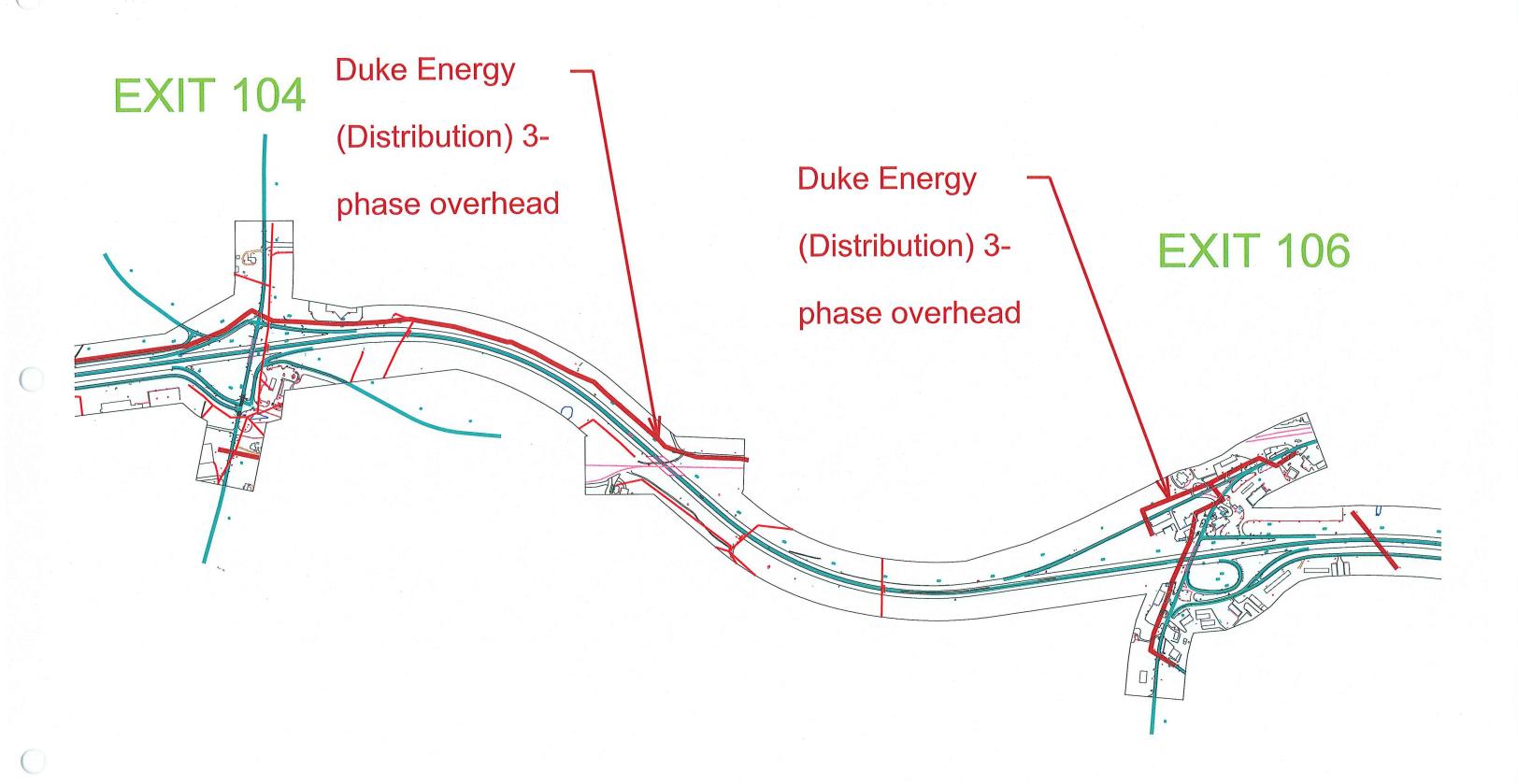


Duke Energy Distribution Carolinas West

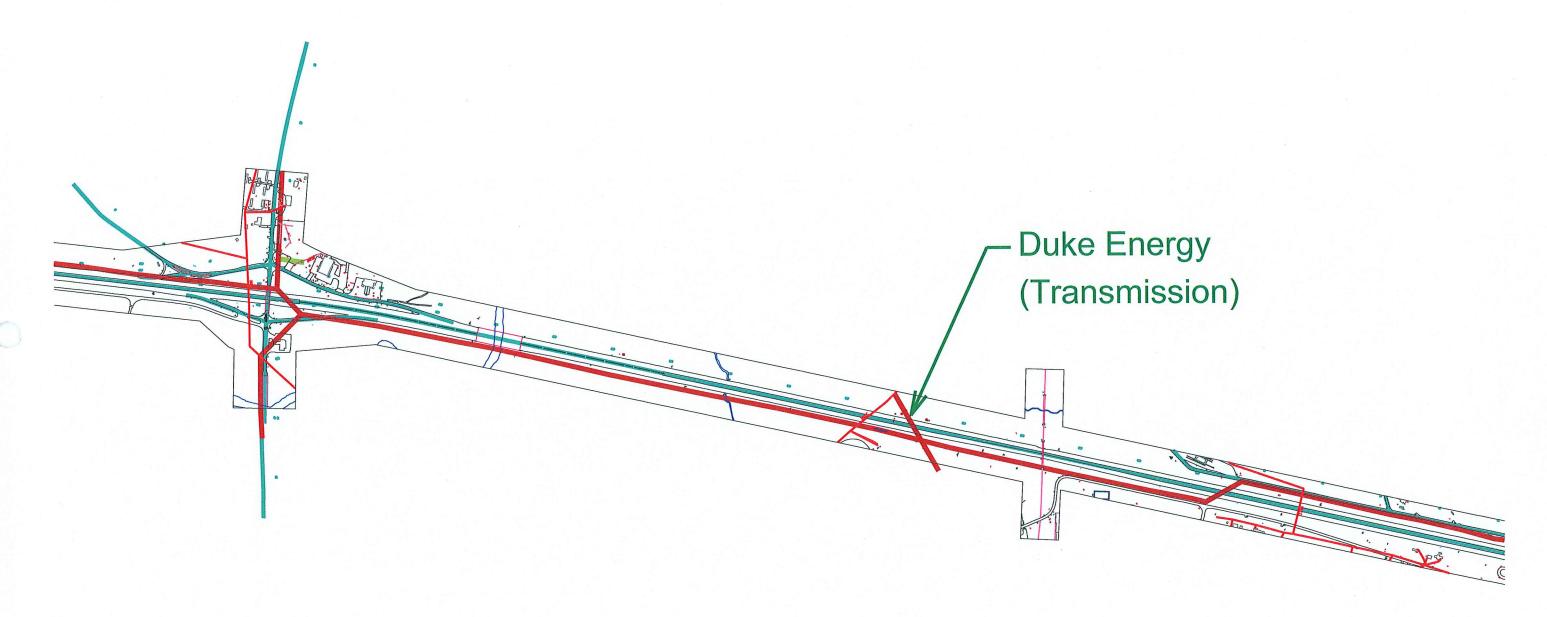


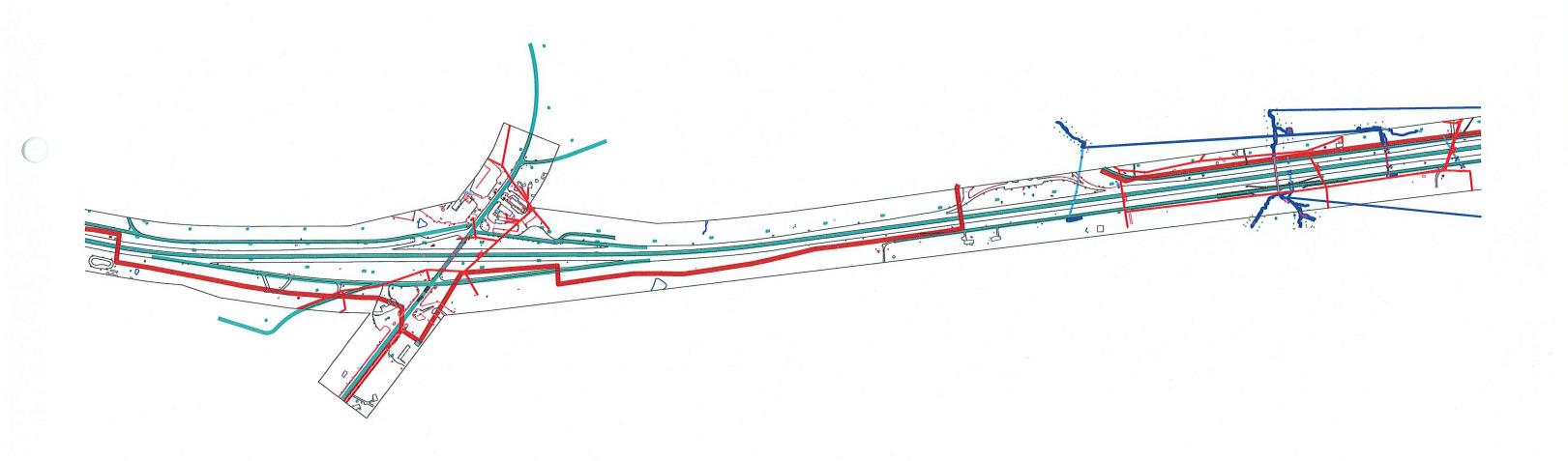


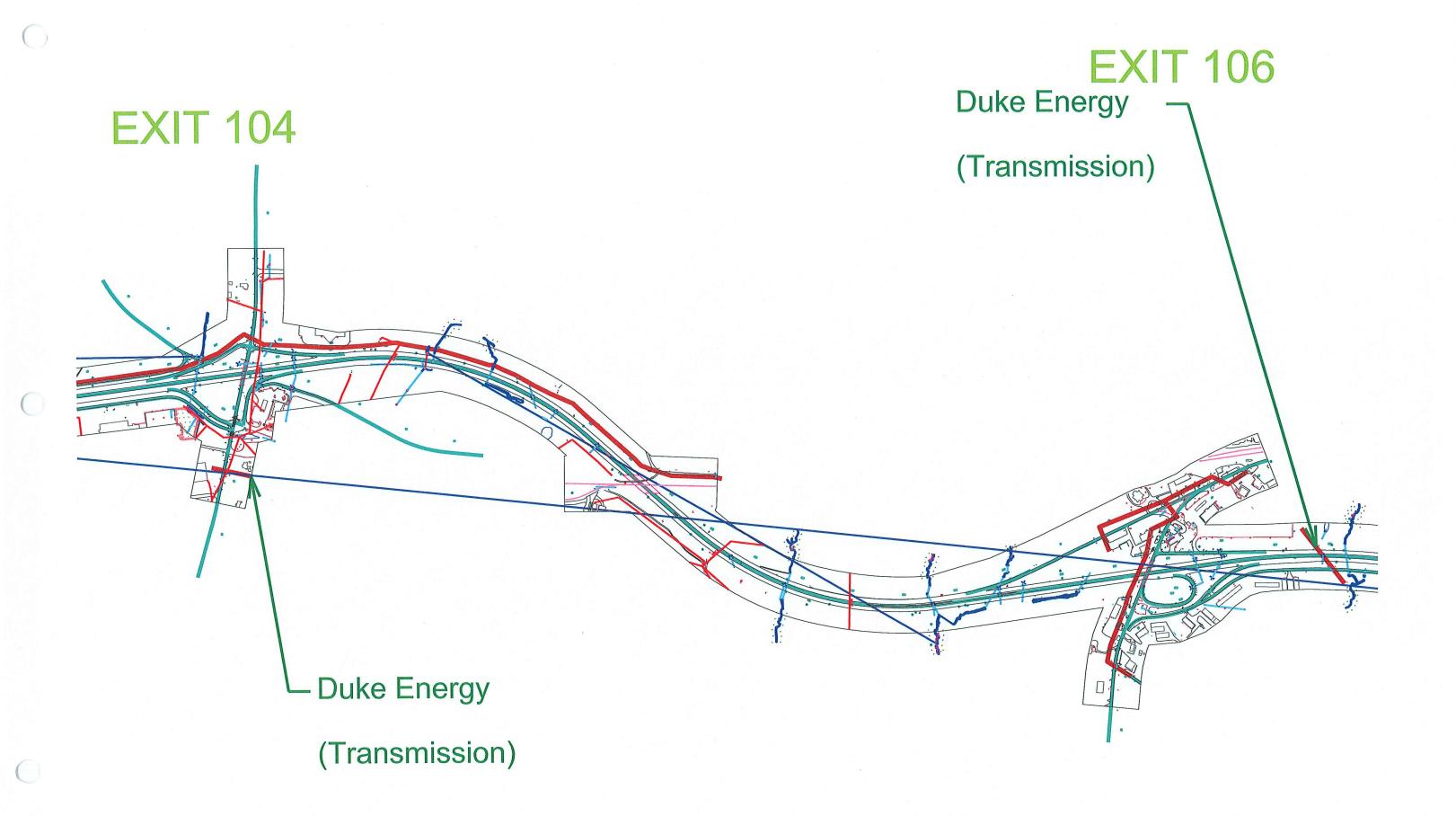




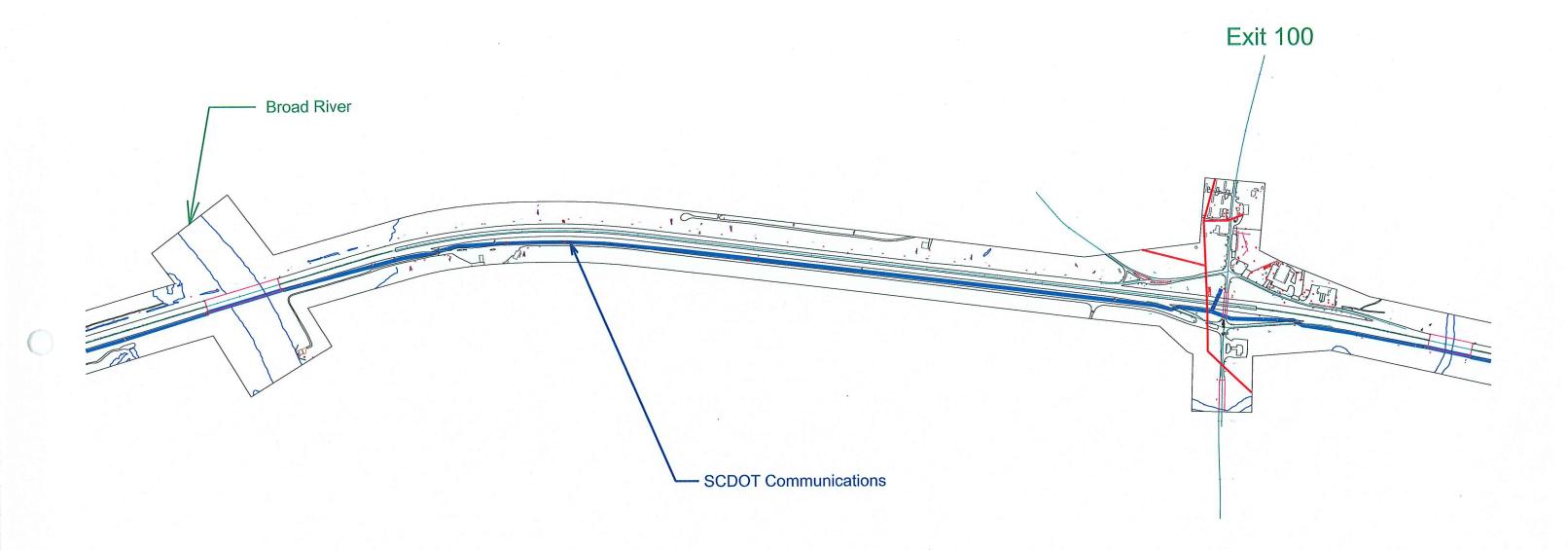
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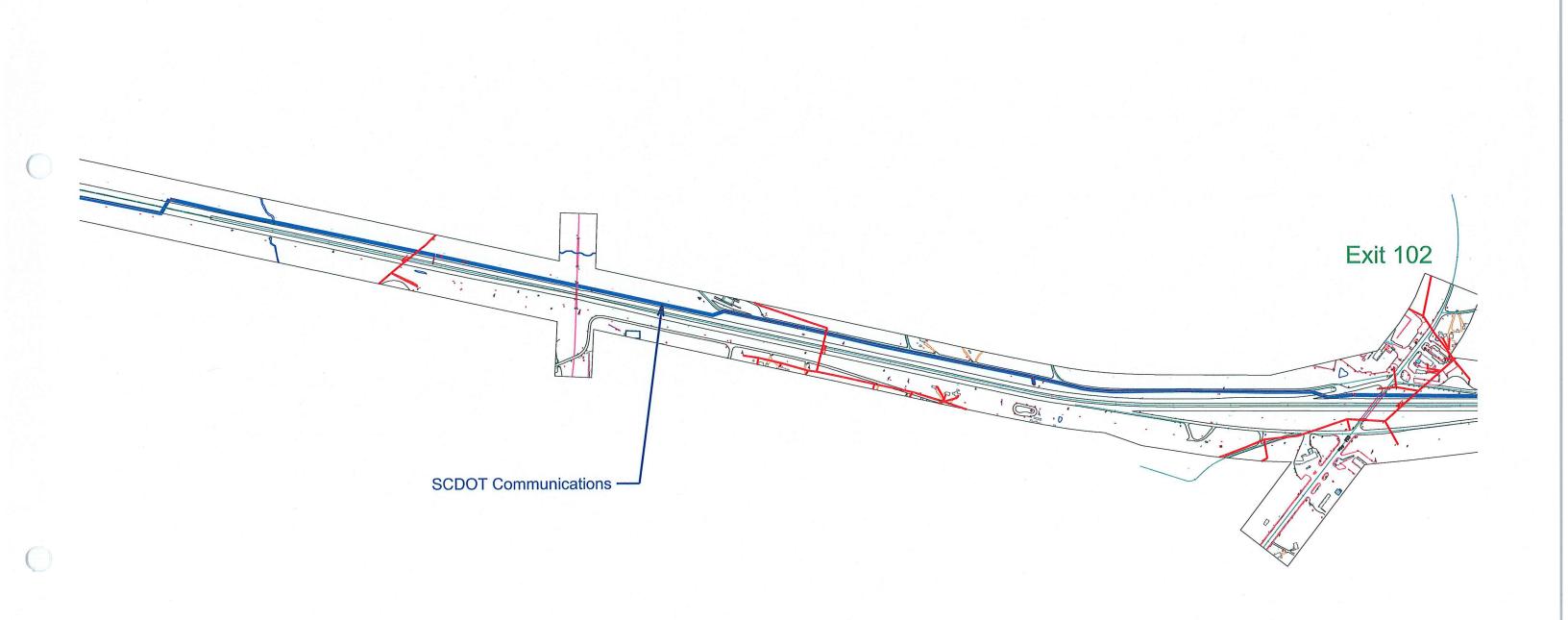


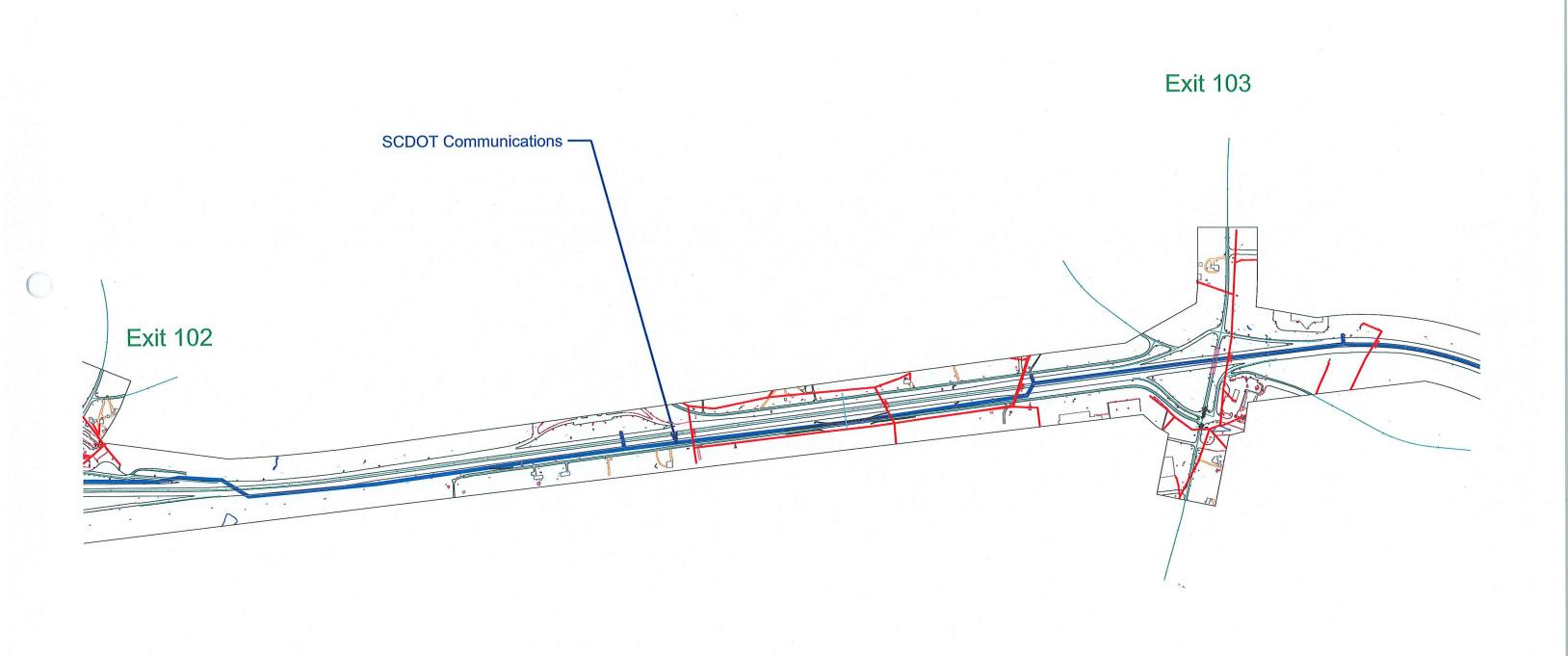


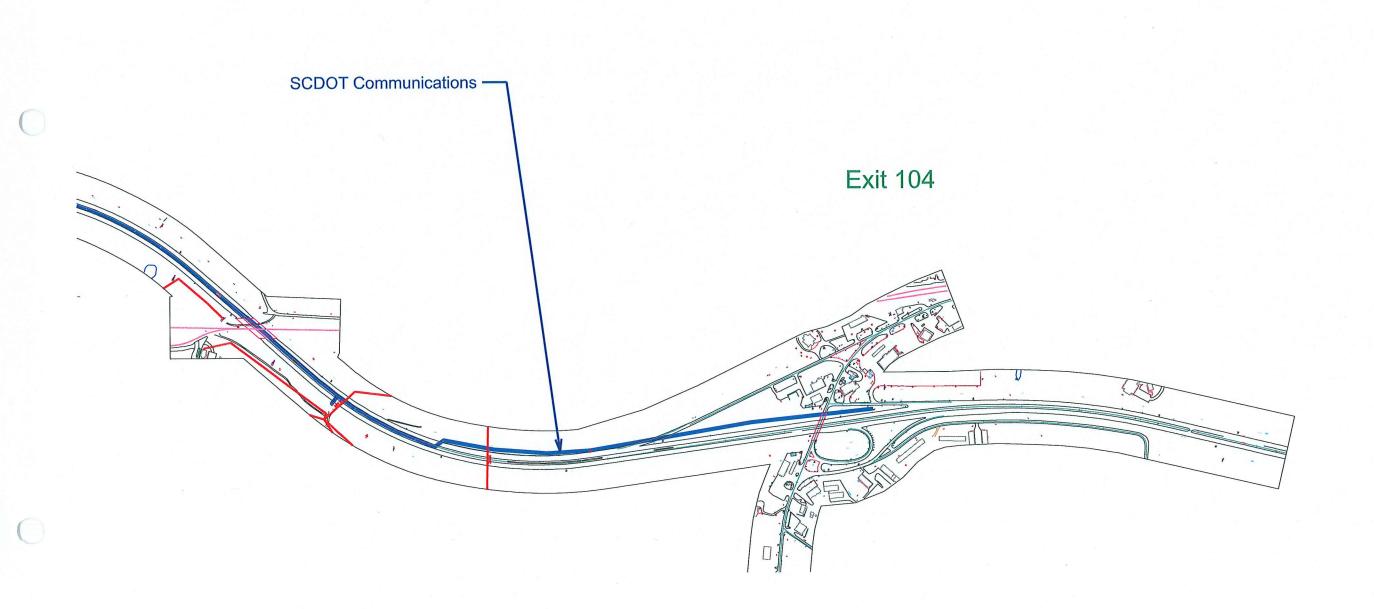


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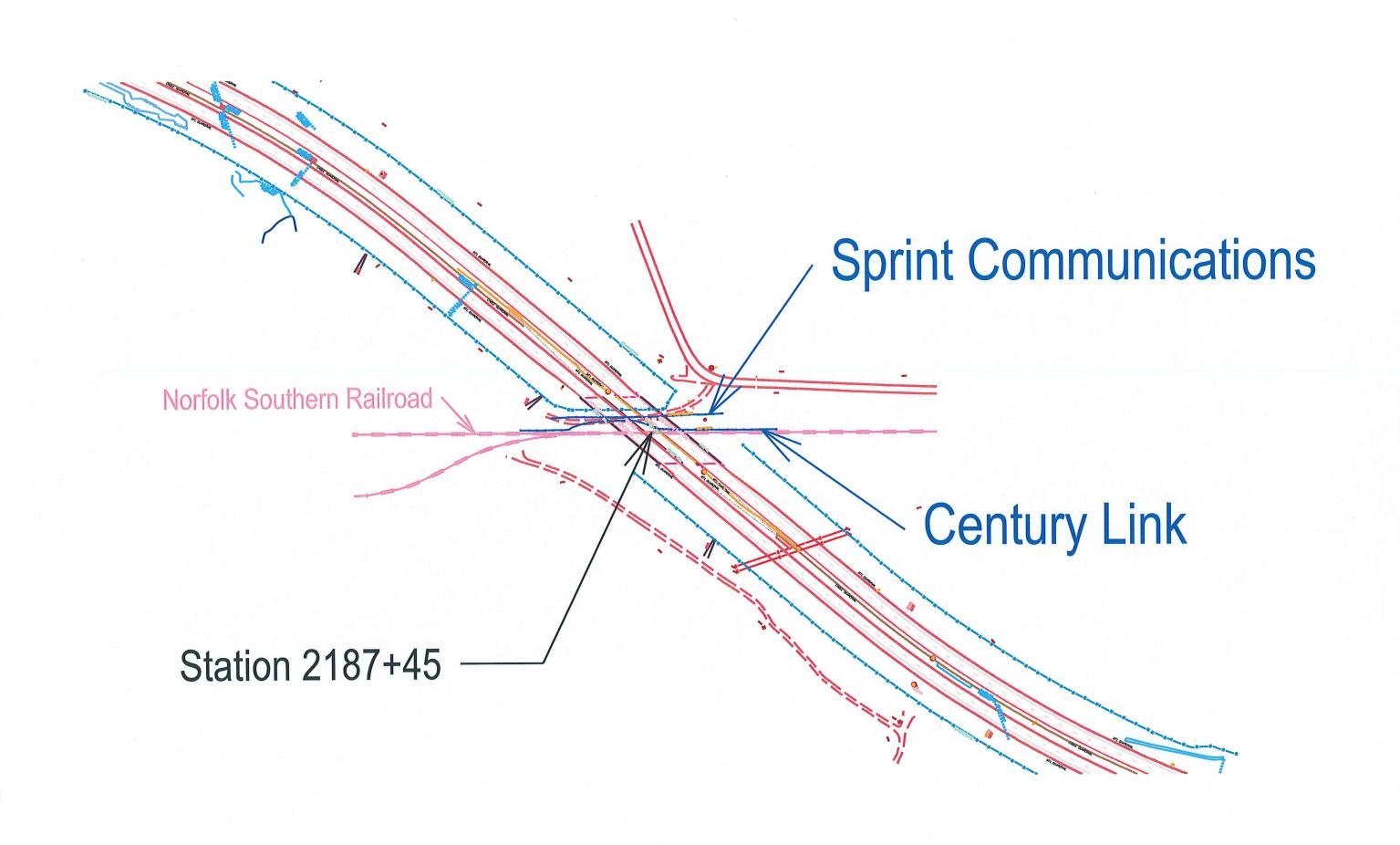




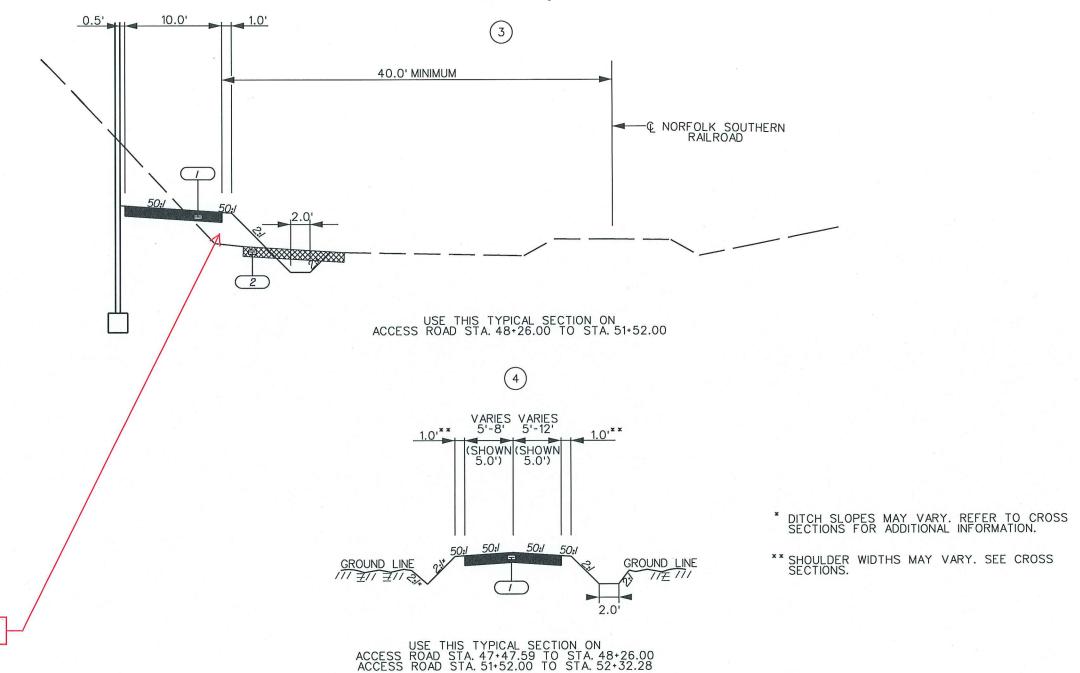




Sprint Communications



TYPICAL SECTION OF IMPROVEMENT SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.



10/19/15 RELEASED FOR CONSTRUCTION DESCRIPTION OF REVISION

ICA Engineering Inc. 501 Huger St, Columbia SC, 29201

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THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: DAVID A. MONTGOMERY P.E. NO. 17997 ON 10-19-15 RTE. ACCESS RD. DESIGN SPEED

MPH FROM STA. TO STA. NA EXCEPTIONS TO DESIGN SPEED

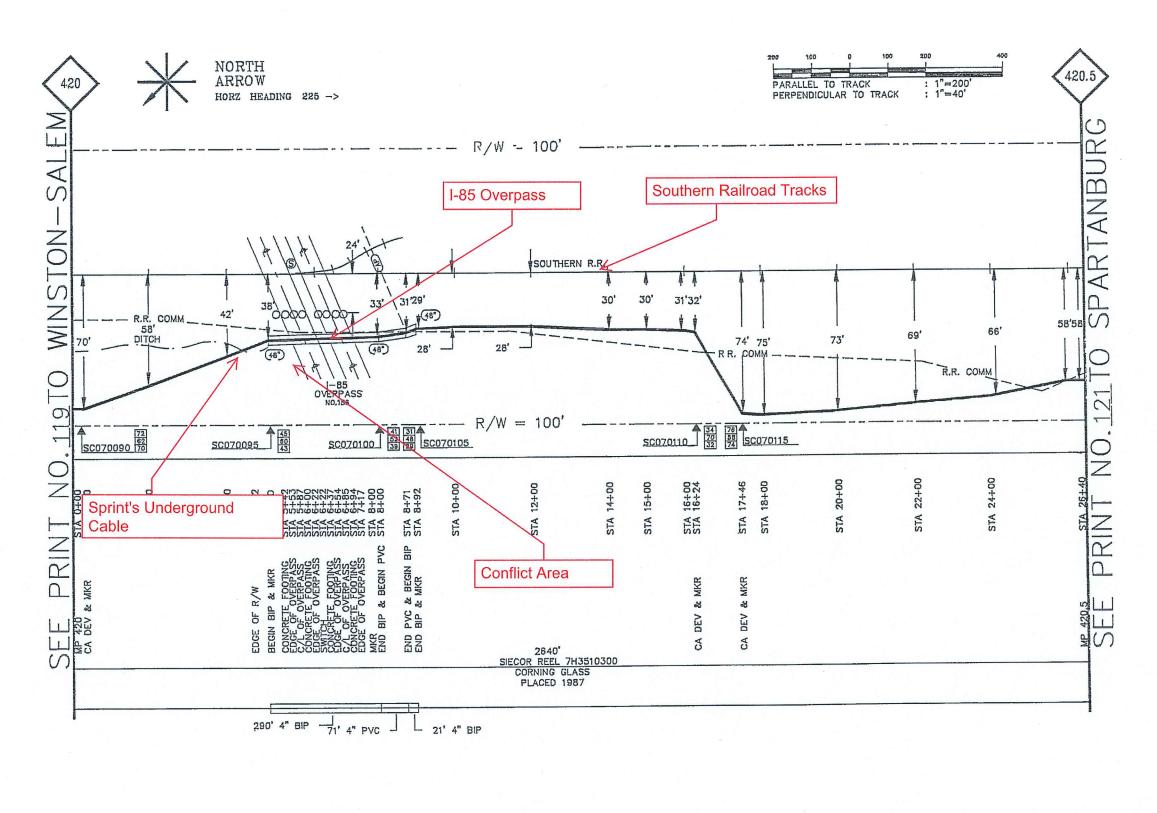
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.

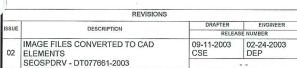
I-85 OVERPASS OVER NORFOLK SOUTHERN RAILROAD

TYPICAL SECTION SCALE 1"V-2" SCALE 1"H-5" DWG. NO. 3B

NEW UPAVED ACCESS ROAD 2 EXISTING ACCESS ROAD

Conflict Area





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	STRUCTURE DATA				TAXING DATA						APPD DATE: 06-10-1987

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22" x 34" (D) NONE

RELEASE DATE

FIBER OPTIC ROUTE RECORD DRAWING

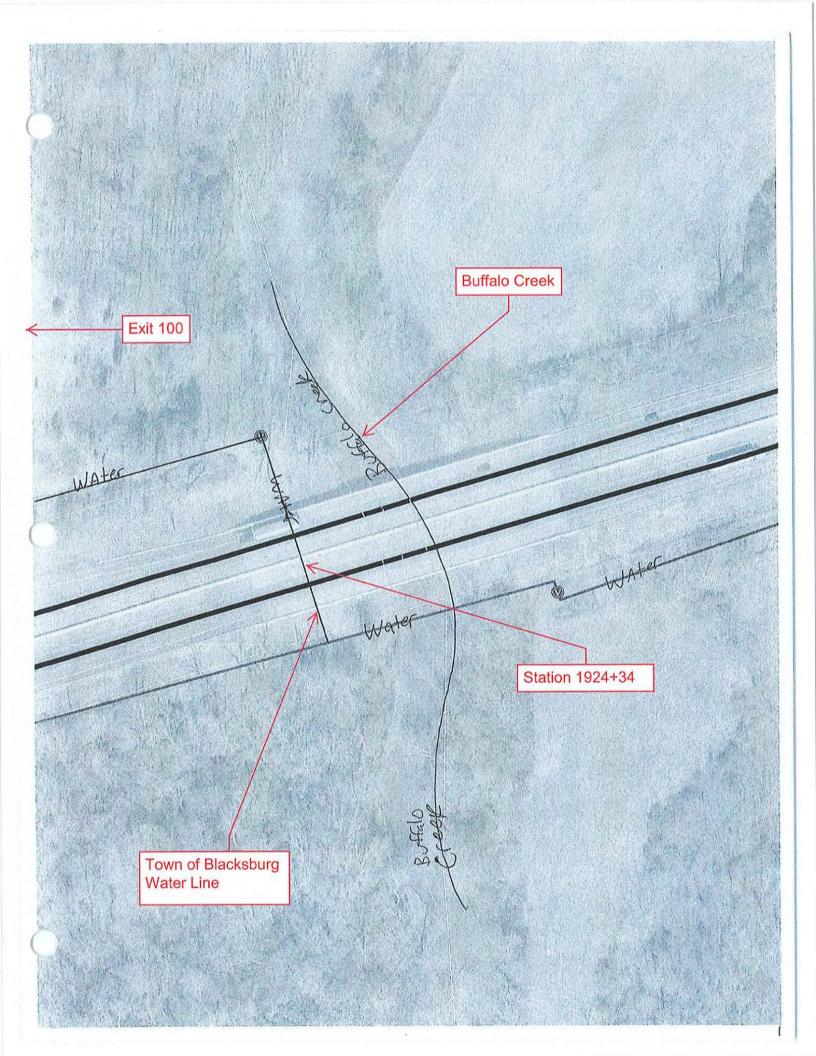
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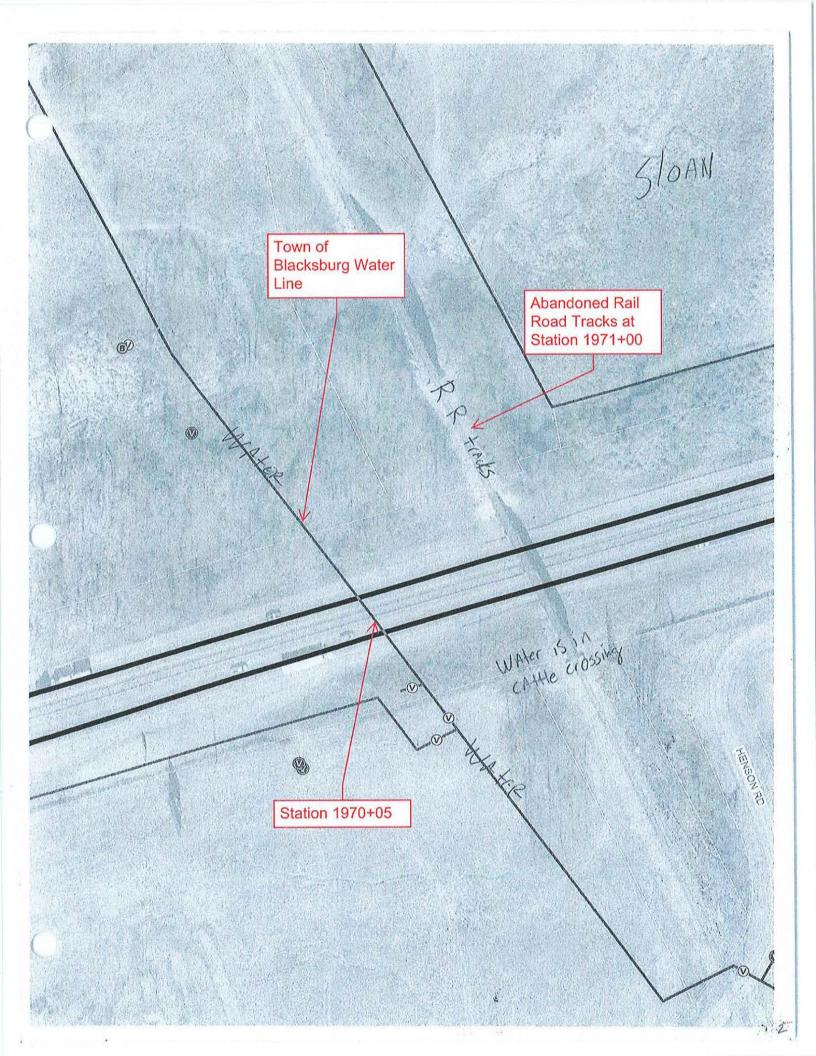
CHARLOTTE, NC - SPARTANBURG, SC

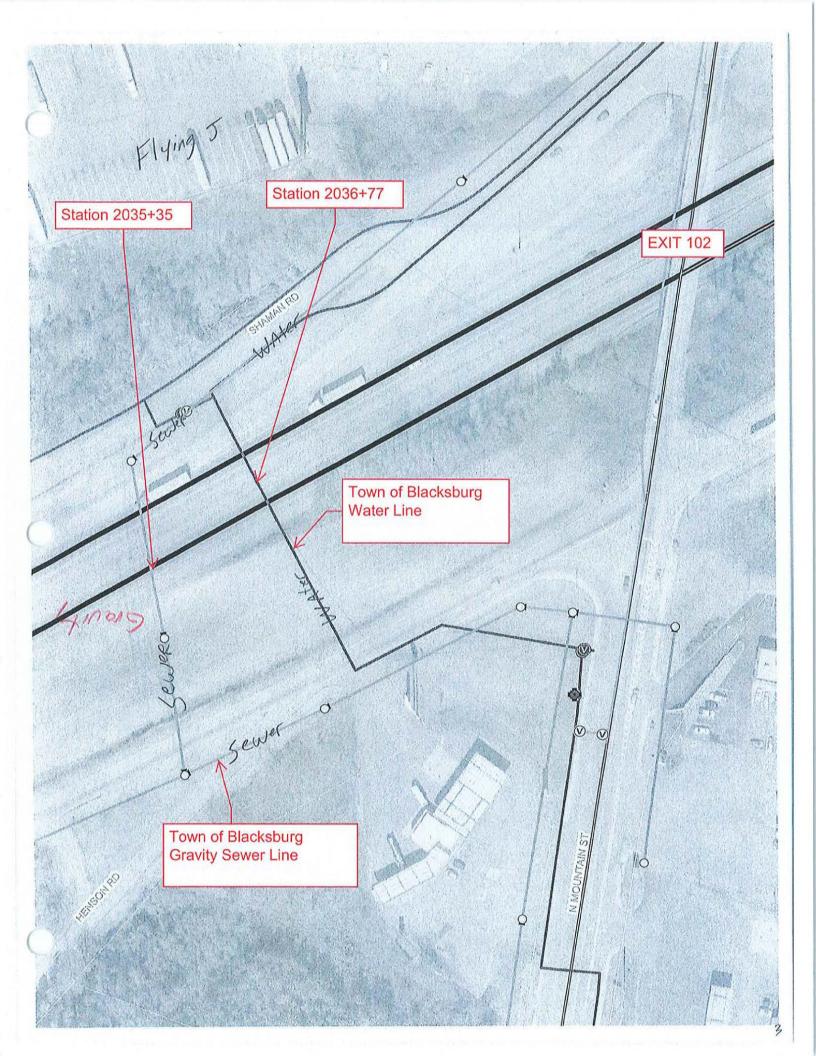
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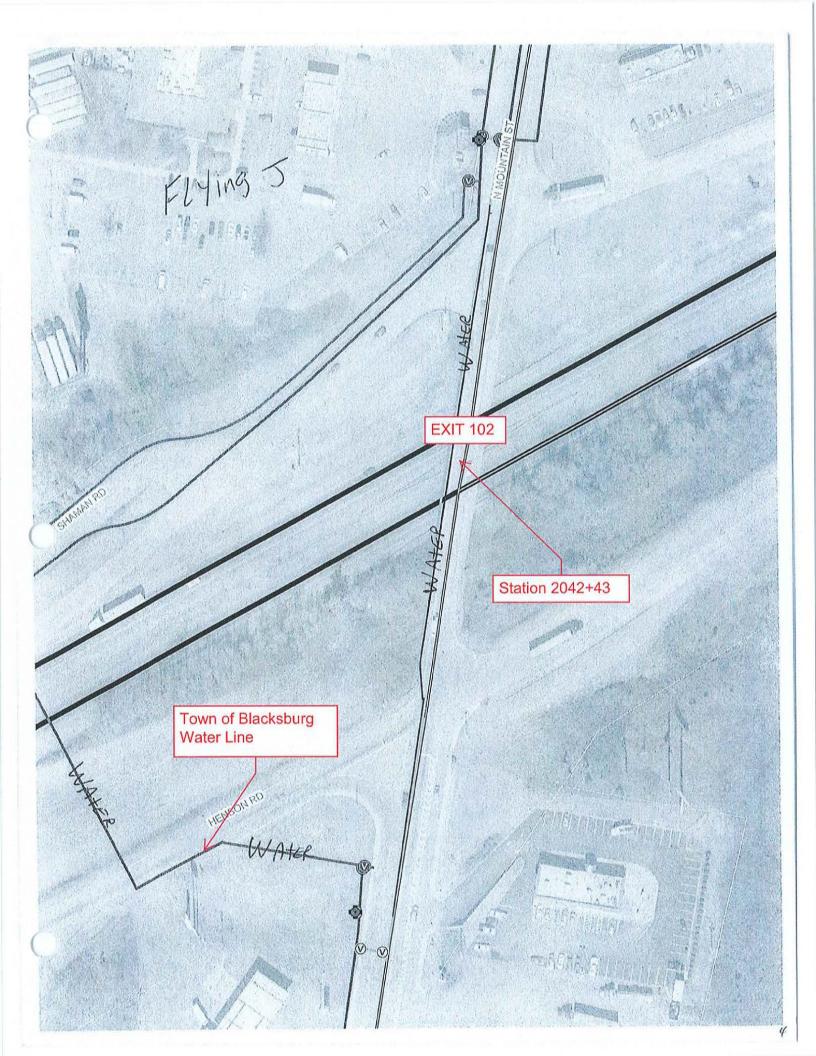
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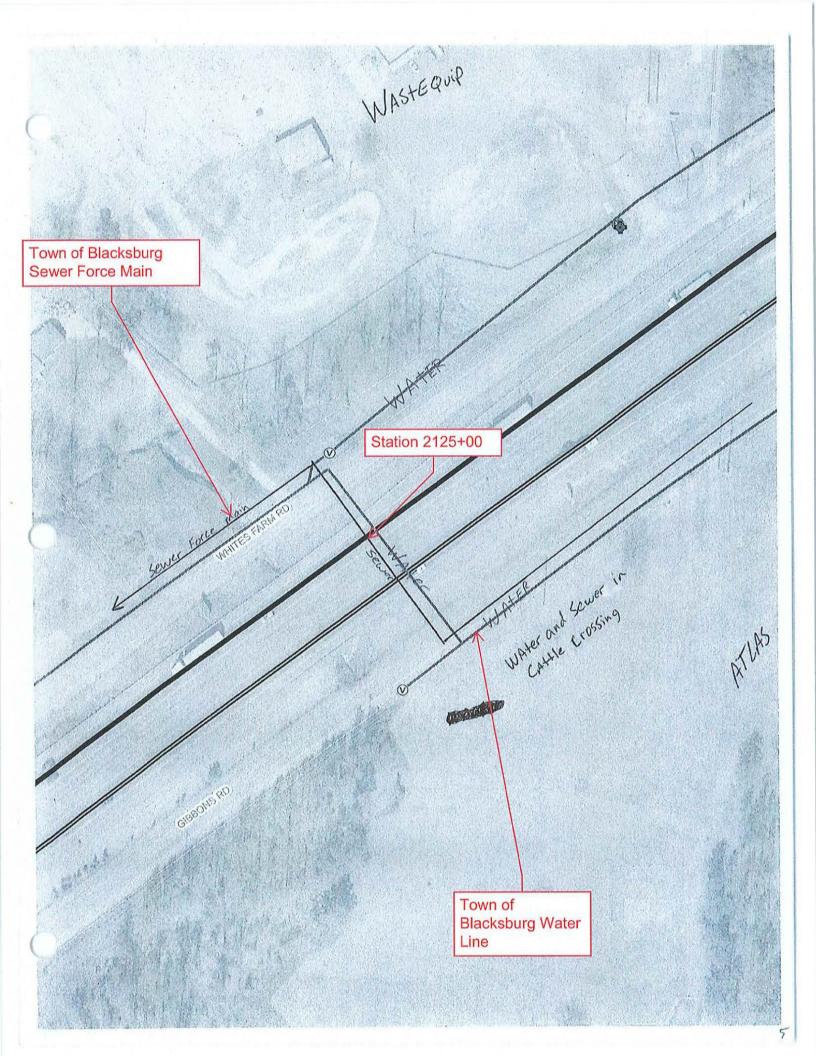
Town of Blacksburg

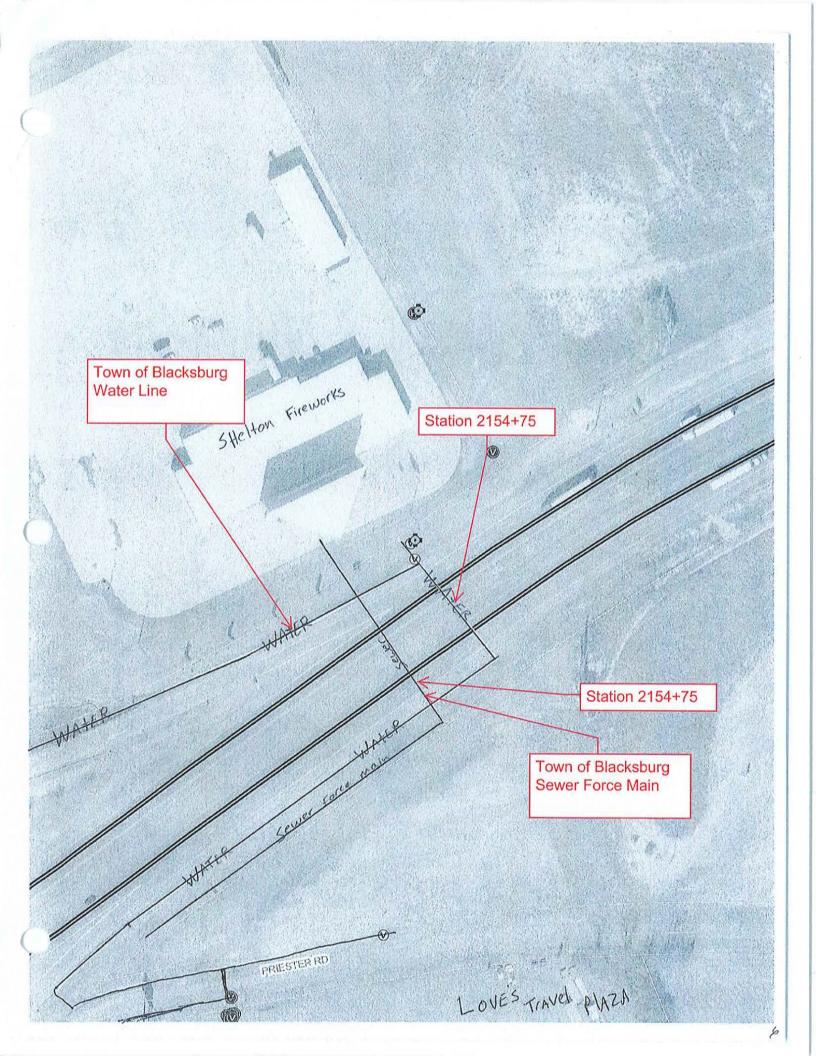




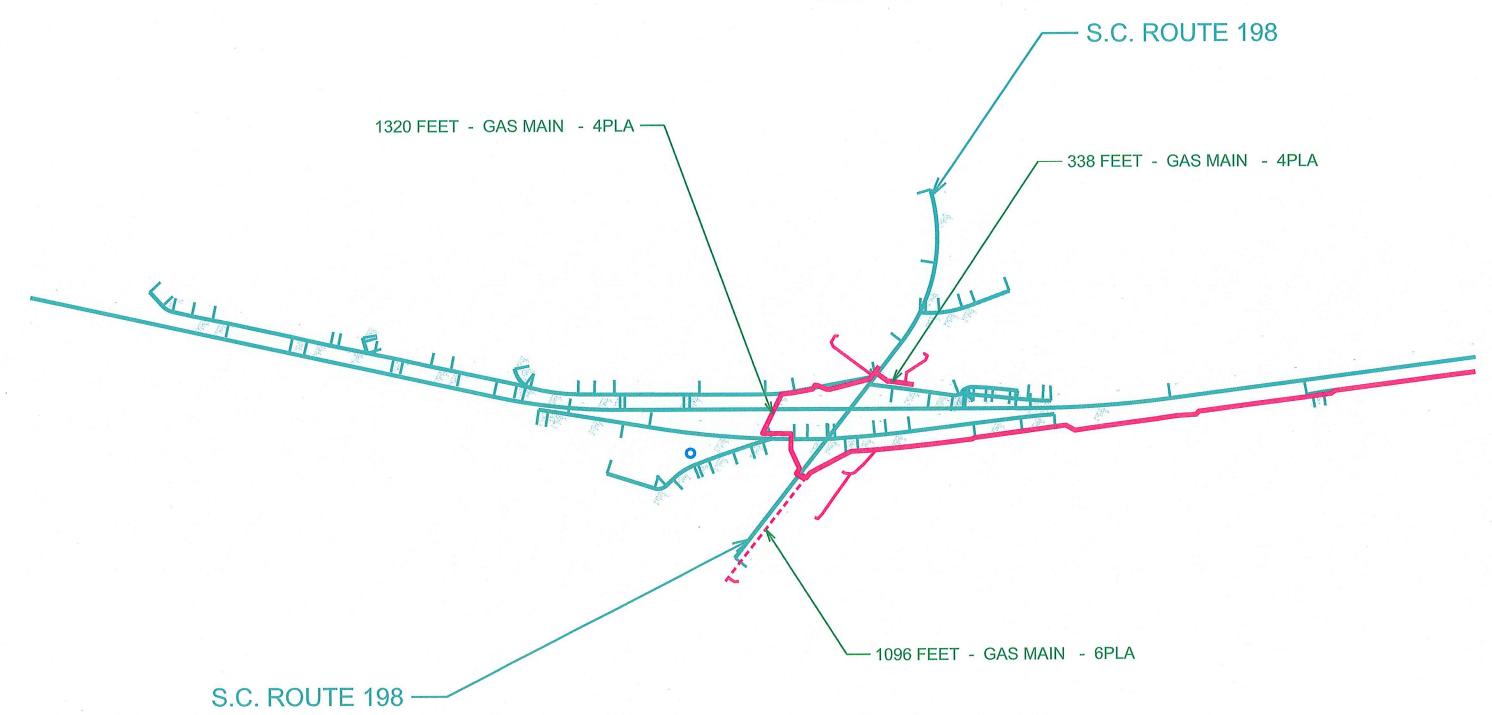


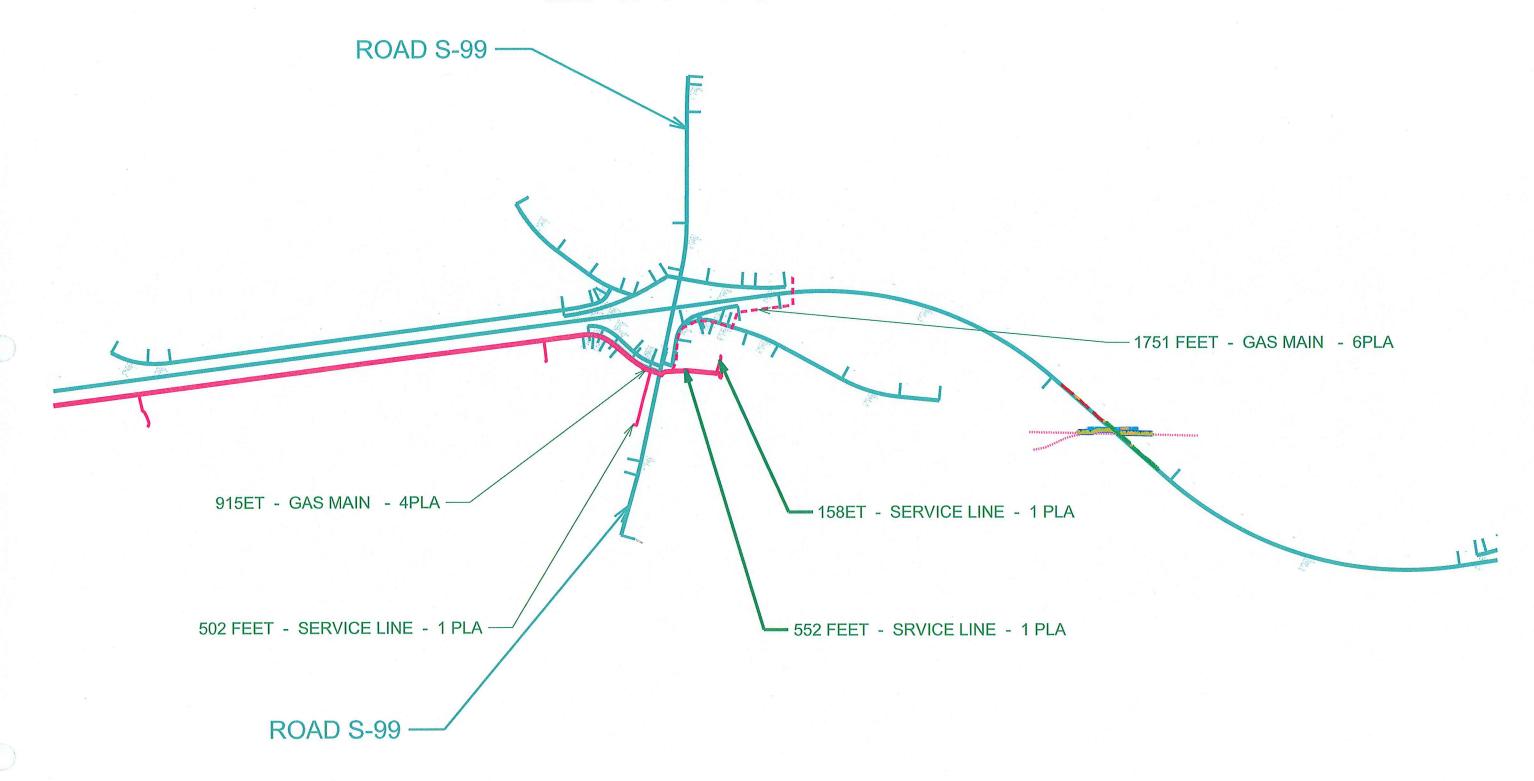






York County Natural Gas





TOWN OF

BLACKSBURG, SOUTH CAROLINA

GAS LINE TO I-85/EXIT 104

1999 EDA PROJECT NO. 04-01-04311



TOWN OF BLACKSBURG, SOUTH CAROLINA

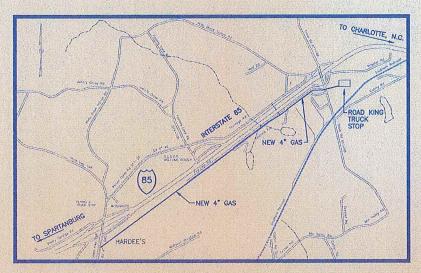
MAYOR DAVID A. HOGUE

COUNCIL MEMBERS

JOE ROSS JOE WHITENER
MIKE PATTERSON MCKINLEY CORRY

ADMINISTRATOR TRUDY U. MARTIN

CLERK & TREASURER
DELL BAGWELL



VICINITY MAP

ISSUED FOR BIDS

Hayes, Seay, Mattern & Mattern, Inc.

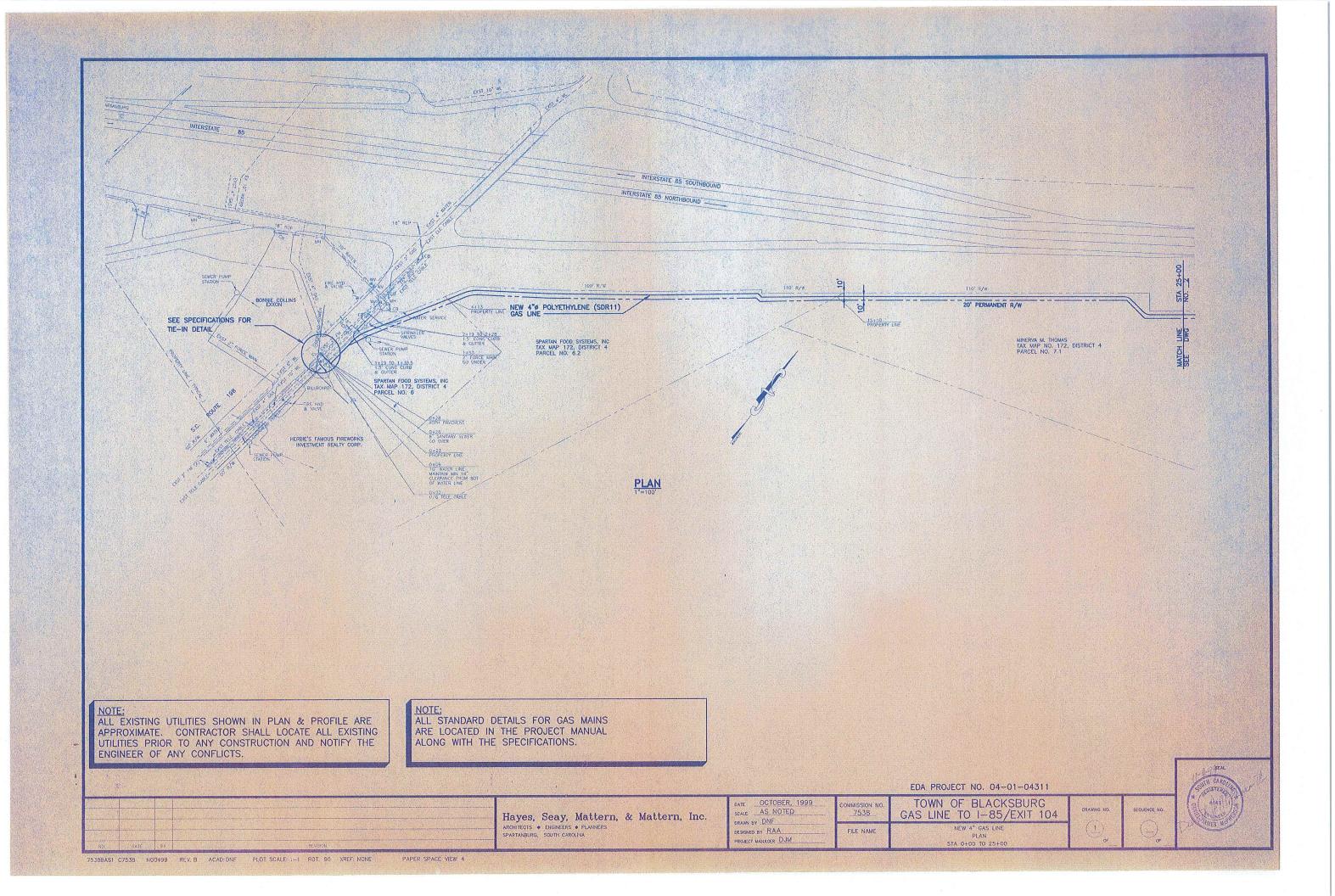
ARCHITECTS • ENGINEERS • PLANNERS

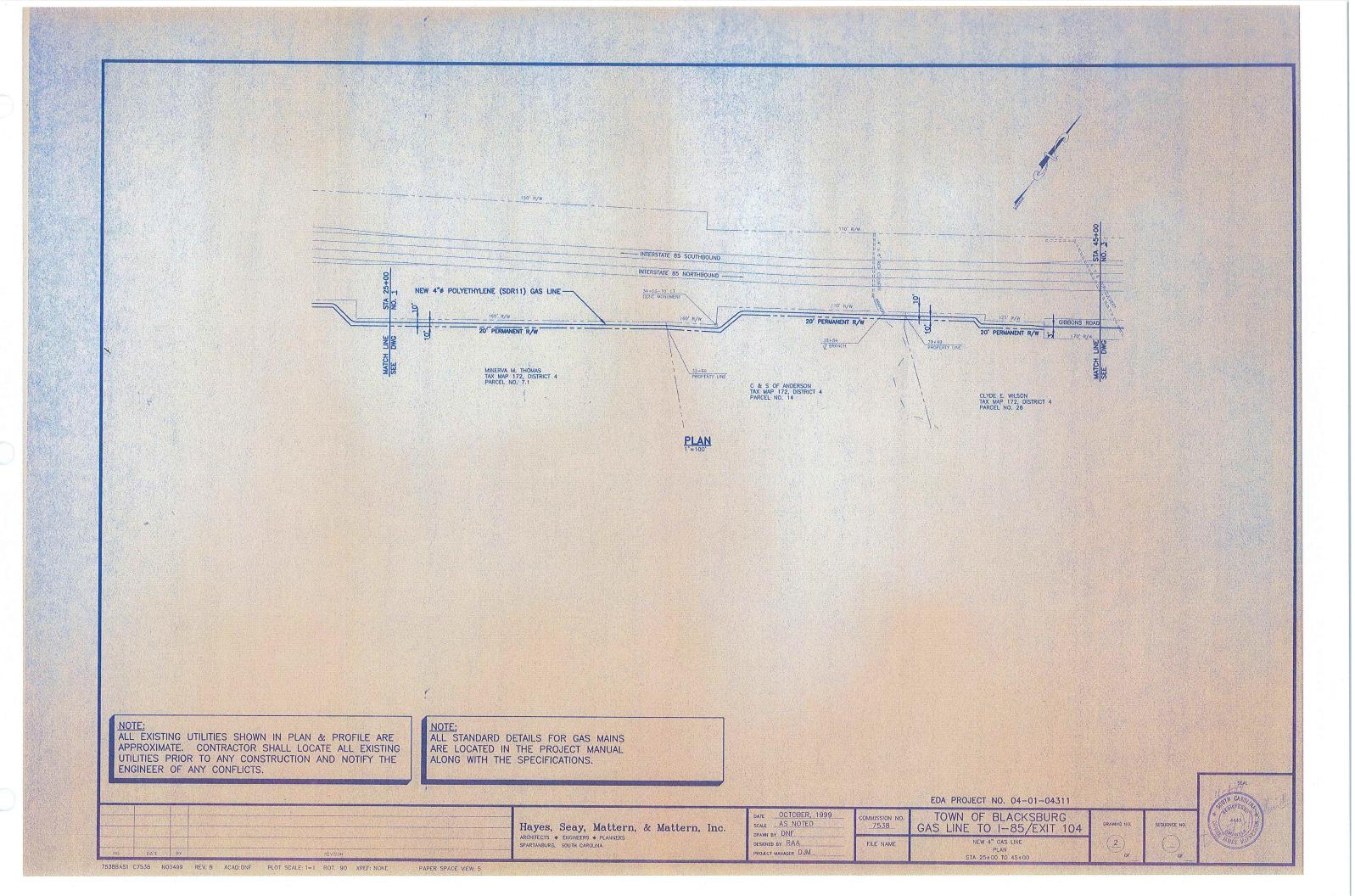
SPARTANBURG, SOUTH CAROLINA

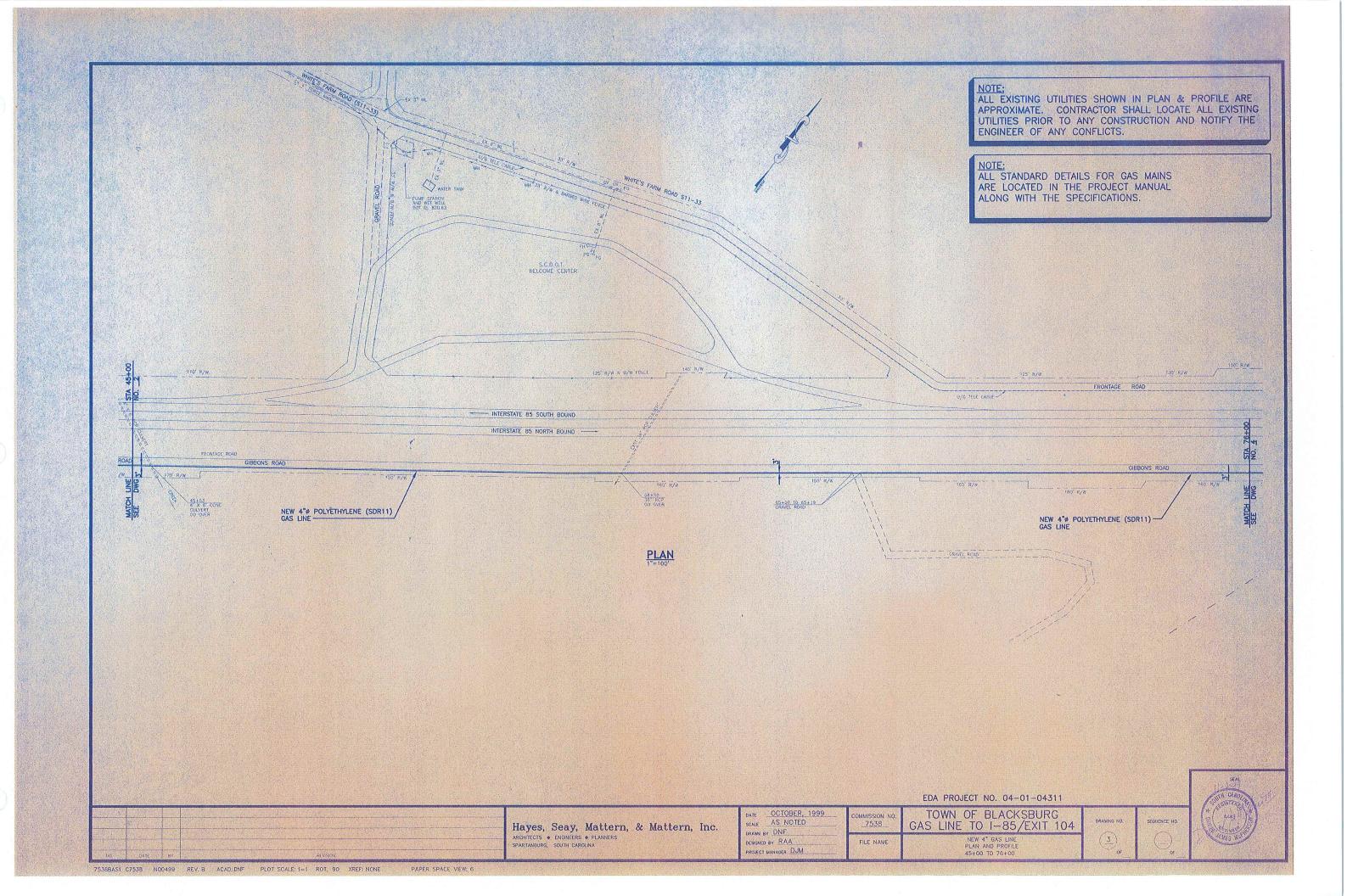
COMMISSION NO. 7538

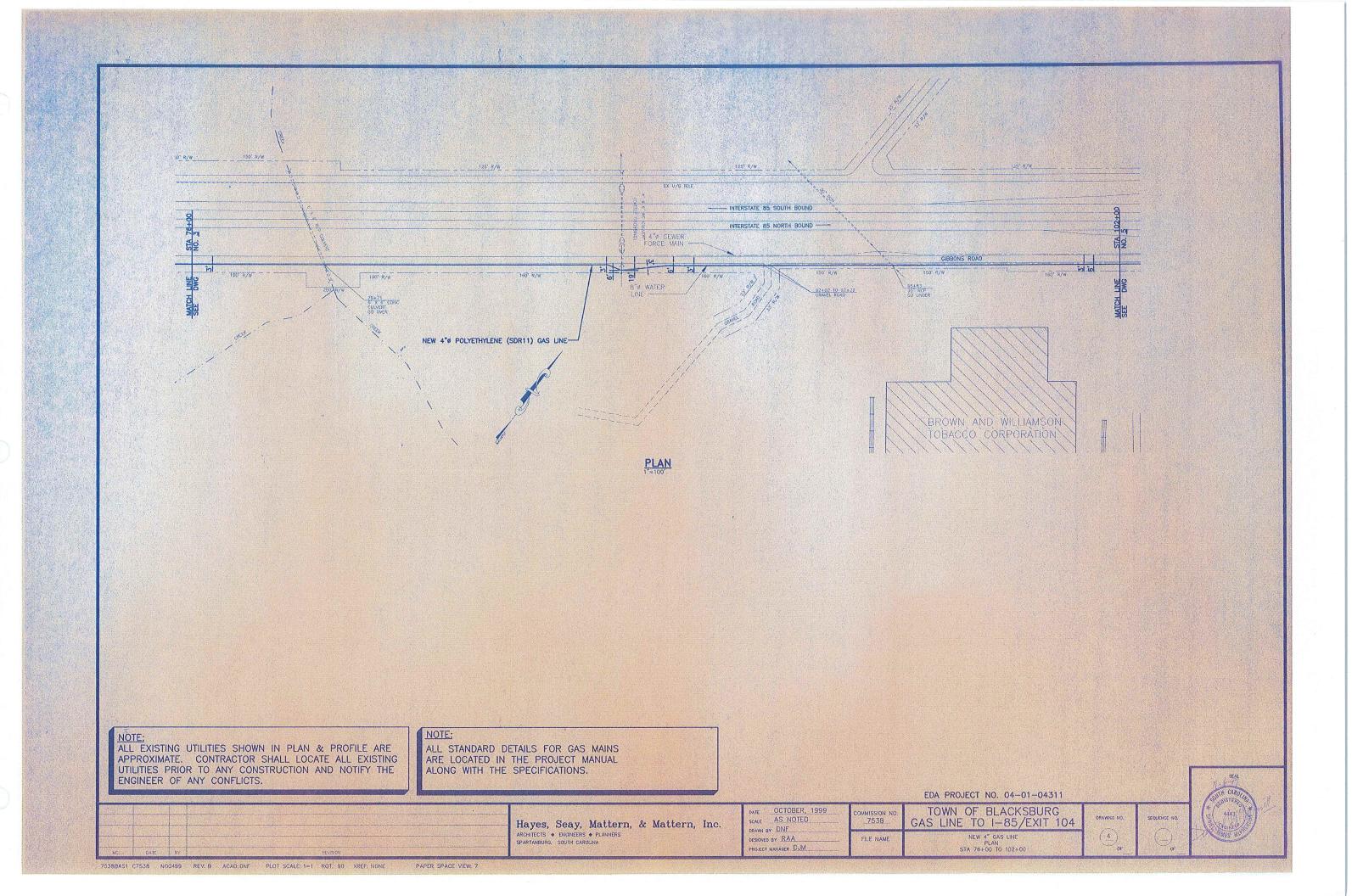


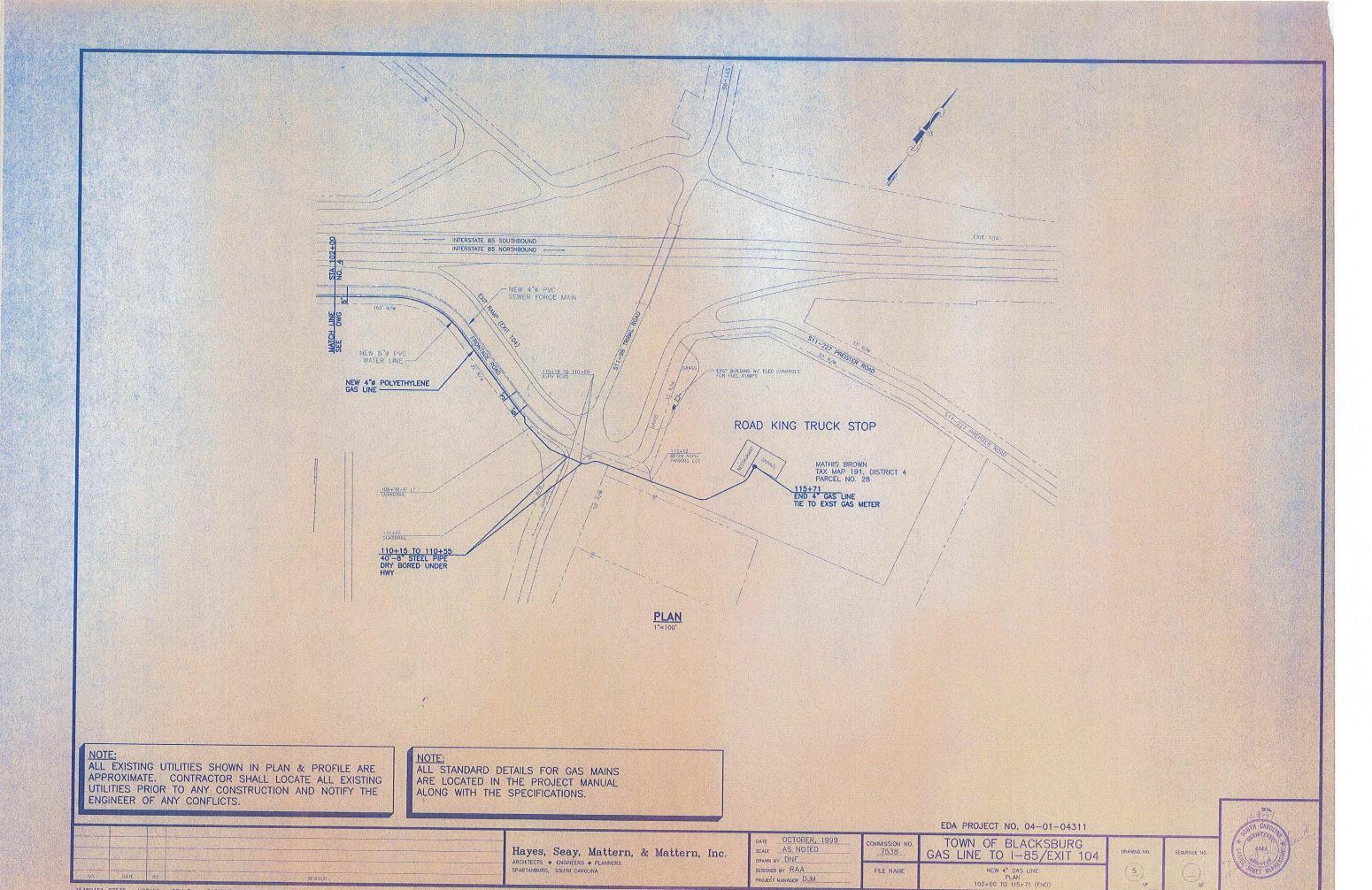
DWG. NO. G1 OF __











7538BAS1 C7538 N00499 REV. B ACAD: DNF PLOT SCALE: 1=1 ROT. 90 XREF: NONE

PAPER SPACE VIEW B









Civil Engineering Consulting Services, Inc.