



PIPELINE ROAD CROSSING APPLICATION

To be completed by any entity intending to Bore and/or Drill across any Sabine County Road
SABINE COUNTY COMMISSIONERS
201 Main St., Hemphill, Texas 75948 409-787-3543

Date: 23 Sept 2019 No.: 20190923

Name of Entity: Gulf South Pipeline Company, L.P.

Address: 9 Greenway Plaza, Suite 2643 Phone: (713) 479-8675

Name of Owner: Daniel E Fleming, Director, Land

County Road(s) involved: Little Flock Rd

Activity (road boring and/or drilling): Road Bore

Dates: From: September 19, 2019 To: December 1, 2020

Companies Using Permits: Gulf South Pipeline Company L.P.

Number of Trucks: _____

Type of Truck: Oil Field Logger Saltwater
 Poultry Utility Concrete

It is expressly understood that Sabine County, Texas does not purport hereby to grant any right, claim, title, or easement in or upon the county road.
Gulf South Pipeline Company, L.P. successors and assigns shall hold harmless and indemnify Sabine County, Texas and the Commissioners Court of Sabine County, Texas against any and all damages to property or injuries to persons, including the legal defense thereof, caused in whole or in part, by the proposed construction. Further, by submission of the application, Gulf South Pipeline Company, L.P. successors and assigns, agrees to make changes and alterations to the pipeline as may be required in connection with alteration, paving, or relocation of any public or county road, without cost to Sabine County, Texas.

Precinct No. County Commissioner Has Approved Applicant: Butch Ellison

Applicant holder is responsible for liability as to damages of whatever nature to the road bed, road surface, trees, structures, culverts, signs, bridges, fences, right of way, ect. that may result from said boring and/or drilling across County Roads.
1. Depth requirement of top of Pipe to bottom of bar ditch shall be sixty inches.
2. New rock/gravel installed over road where traffic and equipment involved with Pipeline Crossing.

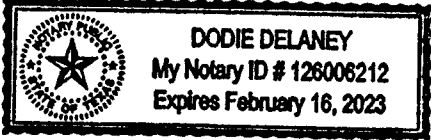
All County Roads are subject to closure to all heavy truck traffic or other equipment utilized by Permit-holder without notice if in the opinion of a County Commissioner, the County Judge and/or Sheriff that the road is being severely damaged by such traffic. Such closure may continue indefinitely and all unauthorized use will be considered criminal.

Transportation Code 251.160 Liability of Owner or Operator for Road Damage
This form must be with the drivers in each of the trucks that your company has permitted. This form should be available for inspection upon request.

Issued this 23 day of Sept, 2019.
Applicant Signature: Daniel E Fleming Daniel E. Fleming
Director of Land

Commissioner Signature: Doug Miller

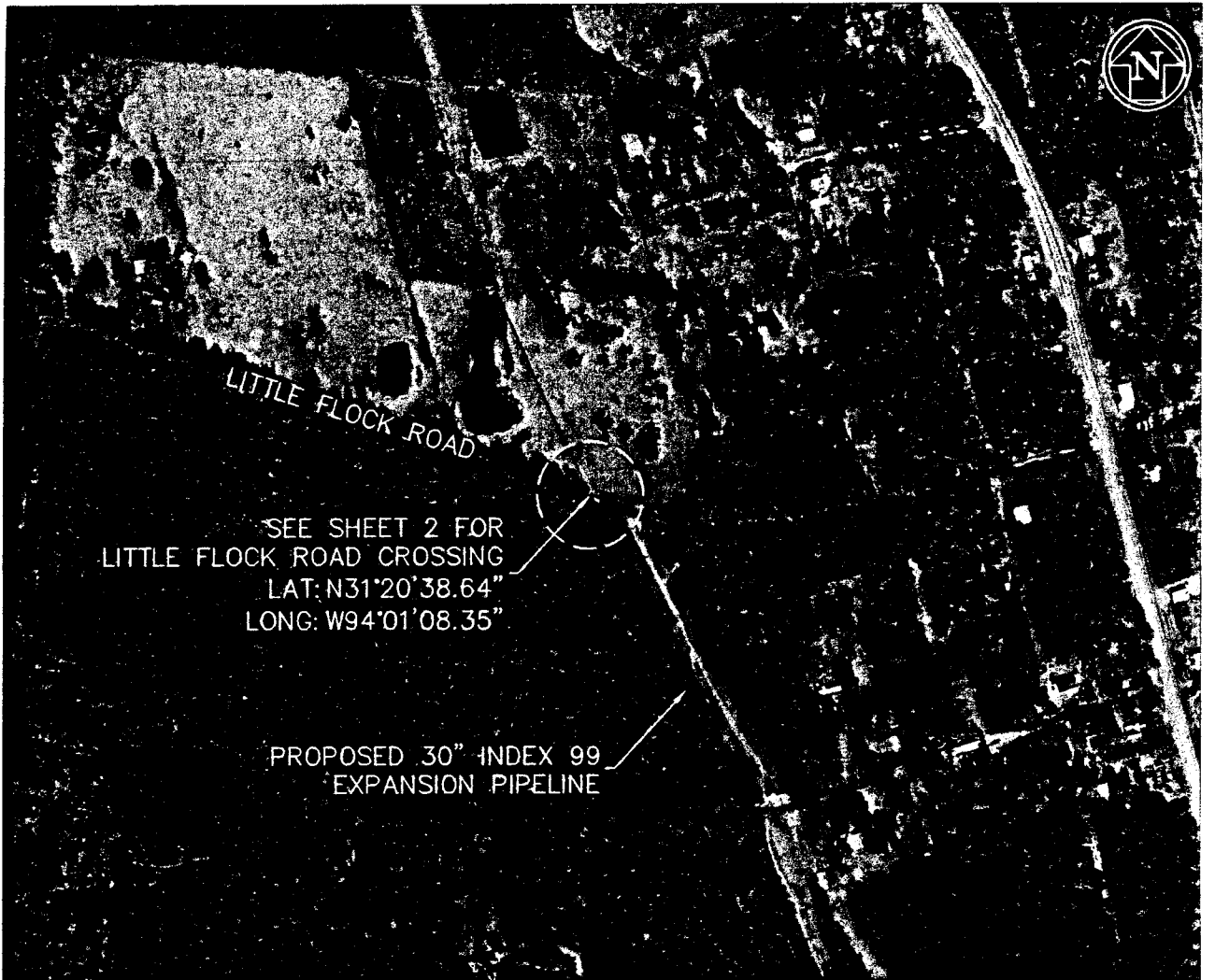
SWORN and SUBSCRIBED before me this the 12th day of September, 2019.



{ SEAL }

Dodie Delaney
Notary Public, State of Texas

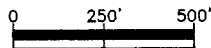
SABINE COUNTY, TEXAS



SEE SHEET 2 FOR
LITTLE FLOCK ROAD CROSSING
LAT: N31°20'38.64"
LONG: W94°01'08.35"

PROPOSED 30" INDEX 99
EXPANSION PIPELINE

VICINITY MAP



SCALE: 1" = 500'



PLAN & PROFILE
PROPOSED 30" INDEX 99 EXPANSION PIPELINE
LITTLE FLOCK ROAD
ROAD CROSSING

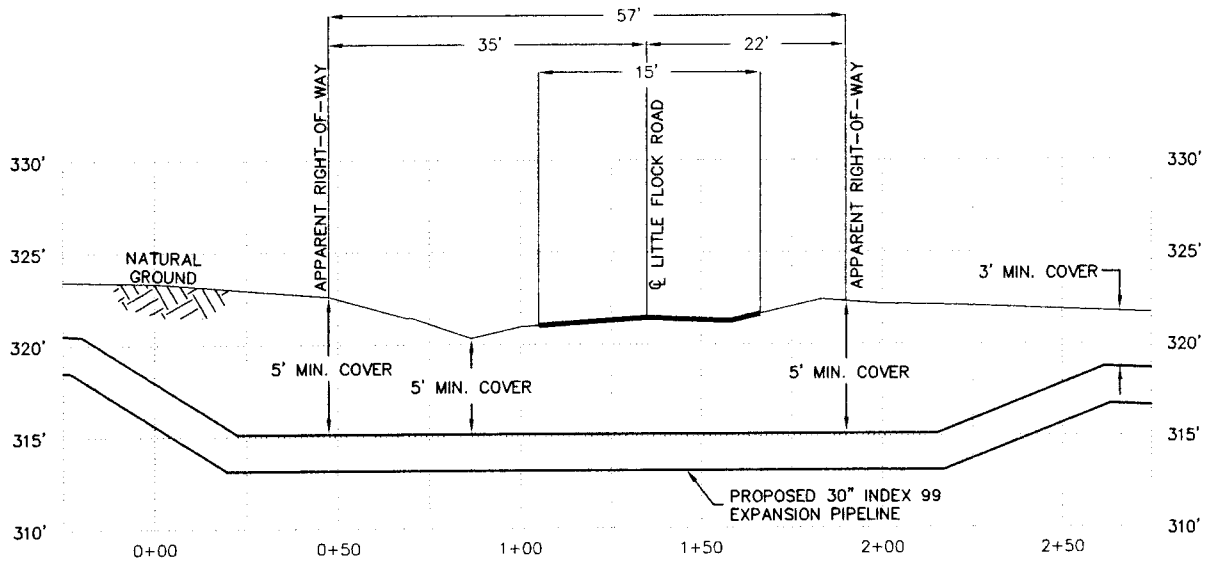
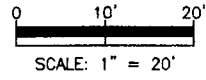
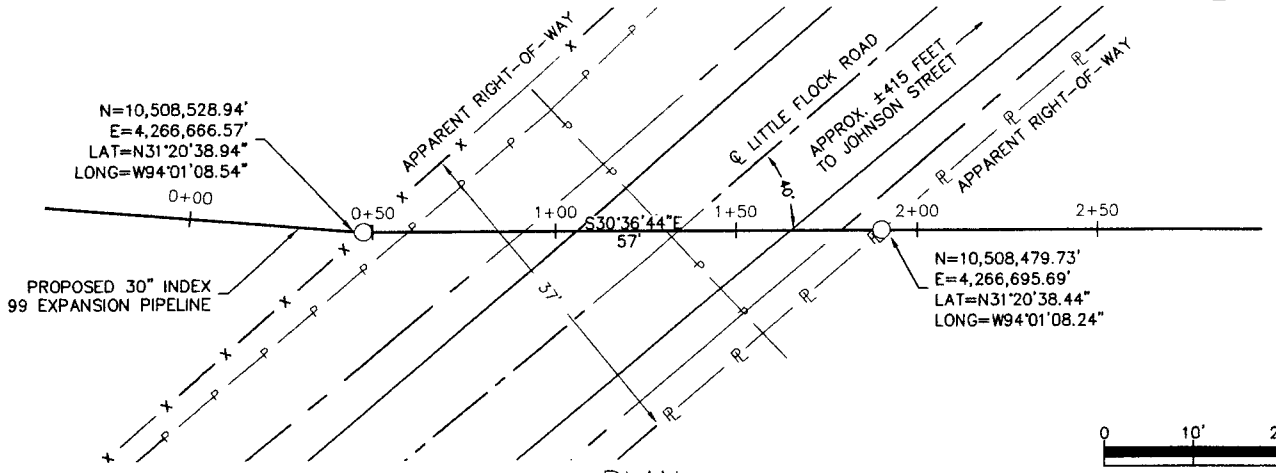
Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:	Township:	Range:	
Drafter: DCL	Date: 08/23/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/23/19	Scale: 1" = 500'	
Appr: COC	Date: 08/23/19	Filename: 19AB-99-P-104-14.dwg	
Dwg. No. 19AB-99-P-104-14			Sheet: 1 of 3
			Rev. A

A	08 23 19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK.	APP.
REVISIONS						

A B C D ISSUE DATE:

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SABINE COUNTY, TEXAS



HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

NOTES:

1. PROPOSED PIPELINE WILL BE INSTALLED BY CONVENTIONAL BORE METHOD.
2. MARKERS WILL BE PLACED AT BOTH ROAD ROW LINES WITH UTILITY NAME, PRODUCT, AND EMERGENCY NUMBER.
3. COORDINATES SHOWN REFER TO NAD83 TEXAS STATE PLANES, CENTRAL ZONE, US FOOT.
4. RIGHT-OF-WAY WILL BE RESTORED TO EQUAL OR BETTER CONDITION WHEN CONSTRUCTION IS COMPLETE.
5. BORE PITS SHALL BE KEPT AT LEAST 3 FEET FROM THE ROAD ROW.

LEGEND

- PROPOSED P/L
- - - CENTERLINE DITCH
- - - CENTERLINE ROAD
- P - P OVER HEAD POWER LINE
- W - W WATER LINE
- R - R PROPERTY LINE

A	08/23/19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK.	APP.
REVISIONS						



PLAN & PROFILE
PROPOSED 30" INDEX 99 EXPANSION PIPELINE
LITTLE FLOCK ROAD
ROAD CROSSING

Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:	Township:	Range:	
Drafter: DCL	Date: 08/23/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/23/19	Scale: 1" = 20'	Filename: 19AB-99-P-104-14.dwg
Appr: COC	Date: 08/23/19	Dwg. No. 19AB-99-P-104-14	
			Sheet: 2 of 3
			Rev. A

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1 A B C D ISSUE DATE:

SABINE COUNTY, TEXAS

PROPOSED INDEX 99L PIPELINE DESIGN DATA

1.0 GENERAL INFORMATION

1.1 APPLICANT/OWNER

GULFSOUTH PIPELINE

9 GREENWAY PLAZA PLAZA, SUITE 2800

HOUSTON, TX 77046

1.2 PIPELINE NAME: INDEX 99 EXPANSION PIPELINE

1.3 PRODUCT: NATURAL GAS

1.4 PROPOSED CONSTRUCTION ACTIVIES SCHEDULED FOR JUNE 2020

2.0 PIPELINE DESIGN DATA

2.1 REGULATIONS AND DESIGN CODES: THE PIPELINE AND HAZARDOUS MATERIAL SAFETY ADMINISTRATION (PHMSA)

STANDARD CFR TITLE 49, PART 192, "TRANSPORTATION OF NATURAL GAS AND OTHER GAS BY PIPELINE" AND PART IV OF

THE RAILROAD COMMISSION PIPELINE SAFETY RULES AND ASME B31.8

2.2 DESIGN PRESSURE: 1333 PSIG (MAXIMUM ALLOWABLE OPERATING PRESSURE)

2.3 HYDROSTATIC TEST PRESSURE: 2333 PSIG MIN

2.4 DESIGN FACTOR: 0.50

3.0 CARRIER LINE PIPE (PROPOSED PIPE WITHIN ROAD ROW)

3.1 OUTSIDE DIAMETER: 30.00"

3.2 WALL THICKNESS: 0.625"

3.3 PIPE SPECIFICATION: API 5L X70 PSL2

3.4 SPECIFIED MINIMUM YIELD STRENGTH: 70,000 PSI

3.5 MATERIAL: CARBON STEEL

3.6 PROCESS OF MANUFACTURE: DSAW SEAM JOINT FACTOR 1.0

3.7 EXTERIOR COATING: 14-22 MILS FBE & 30-40 MILS ARO

4.0 CATHODIC PROTECTION

4.1 IMPRESSED CURRENT

5.0 CONSTRUCTION METHOD

5.1 PIPELINE WILL BE INSTALLED BY HORIZONTAL AUGER BORE



PLAN & PROFILE PROPOSED 30" INDEX 99 EXPANSION PIPELINE LITTLE FLOCK ROAD ROAD CROSSING

Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:	Township:	Range:	
Drafter: DCL	Date: 08/23/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/23/19	Scale: NOT TO SCALE	
Appr: COC	Date: 08/23/19	Filename: 19AB-99-P-104-14.dwg	
Dwg. No. 19AB-99-P-104-14		Sheet: 3 of 3	Rev. A

A	08/23/19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK.	APP.
REVISIONS						

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Pipeline Road Crossing Regulations

Road Name Little Flock Road

1. No county road may be crossed by a pipeline except by approved application to the Sabine county Commissioner's Court. The applications must be submitted with a plat and specifications for the proposed activity and an application fee of \$ 500.00 payable to Sabine County Texas. It is expressly understood that Sabine County, Texas does not purport hereby to grant any right, claim, title, or easement in or upon the county road or property at issue.
2. Gulf South Pipeline Co successors and assigns shall hold harmless and indemnify Sabine County, Texas and the Commissions Court of Sabine County, Texas against any and all damages to property or injuries to persons, including the legal defense thereof, caused in whole or in part, by the proposed construction. Further, by submission of the application, Gulf South Pipeline Com, successors and assigns, agrees to make changes and alterations to the pipeline as may be required in connection with alteration, paving, or relocation of any public or county road, without cost to Sabine County, TX.
3. The County, unless exception is made, shall require all crossings of county roads to be bore and not by cutting or ditching the county road. All road bores must place the top of the pipe at least five feet deep from the bottom of the road ditch, and run thirty (30) foot from the center of the road on each side. The commissioner of the precinct must be given forty-eight (48) hours notice prior to the bore and he or his representative shall be present at the time of the bore. All road bores shall occur between 7:00 am and 7:00 pm Monday through Friday. A sign shall be placed on the road forty-eight (48) hours in advance advising residents of the road bore, and appropriate signs, flagmen, or safety personal shall be on the road during the bore to ensure the safety of residents and persons using the road.
4. Any person, or entity seeking to cross a county road shall submit a written application to the Sabine County Judge setting forth the road and exact location of the proposed pipeline crossing and describing the pipeline in detail including, but not limited to its depth, size, or diameter, well thickness, and the requested method of crossing the road. (i.e. a road cut or bore)
5. All persons, companies, and entities seeking to use the county in connection with a pipeline bore or drill, including all equipment operations and truck drivers, shall complete and obtain a Pipeline Road Crossing Application approved by the Commissioner Court and executed by the commissioner of the precinct in which the county road is located.
6. In the even that an open cut road crossing is allowed, the following minimum requirements shall be required:
 - a. A sign shall be placed on the road and notice circulated in a local newspaper for seven (7) days prior to submitting the application to commissioners court advising residents and persons using the road of the proposed action;
 - b. The crossing shall maintain a minimum depth of five (5) feet from the top of the pipe for thirty (30) feet on each side of the road;
 - c. Open cut crossings shall be backfilled with sand around the pipe and with twelve (12) inches cover over the pipe, then continue the backfilling process with a minimum (3) sack Flow-Able Fill material to a point within twelve (12) inches of the existing road surface. The road will be platted to allow adequate time for curing and settlement and the remainder will be backfilled with approved road base material. The base will be installed in lifts and compacted to equal or greater density than the existing road conditions for a distance of at least 100 foot on each side of the cut.



PIPELINE ROAD CROSSING APPLICATION

To be completed by any entity intending to Bore and/or Drill across any Sabine County Road
SABINE COUNTY COMMISSIONERS
201 Main St., Hemphill, Texas 75948 409-787-3543

Date: 23 Sept 2019 No.: 2019 0923

Name of Entity: Gulf South Pipeline Company, L.P.

Address: 9 Greenway Plaza, Suite 2643 Phone: (713) 479-8675

Name of Owner: Daniel E Fleming, Director, Land

County Road(s) involved: Welch Circle

Activity (road boring and/or drilling): Road Bore

Dates: From: September 18, 2019 To: December 1, 2020

Companies Using Permits: Gulf South Pipeline Company L.P.

Number of Trucks:

Type of Truck: X Oil Field Poultry Logger Utility Saltwater Concrete

It is expressly understood that Sabine County, Texas does not purport hereby to grant any right, claim, title, or easement in or upon the county road. Gulf South Pipeline Company, L.P. successors and assigns shall hold harmless and indemnify Sabine County, Texas and the Commissioners Court of Sabine County, Texas against any and all damages to property or injuries to persons, including the legal defense thereof, caused in whole or in part, by the proposed construction. Further, by submission of the application, Gulf South Pipeline Company, L.P. successors and assigns, agrees to make changes and alterations to the pipeline as may be required in connection with alteration, paving, or relocation of any public or county road, without cost to Sabine County, Texas.

Precinct No. County Commissioner Has Approved Applicant: Butch Ellison

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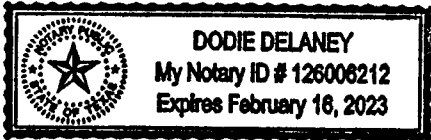
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Transportation Code 251.160 Liability of Owner or Operator for Road Damage This form must be with the drivers in each of the trucks that your company has permitted. This form should be available for inspection upon request.

Issued this 23 day of Sept, 2019 Daniel E. Fleming Director of Land

Applicant Signature: Daniel Fleming Commissioner Signature: Butch Ellison

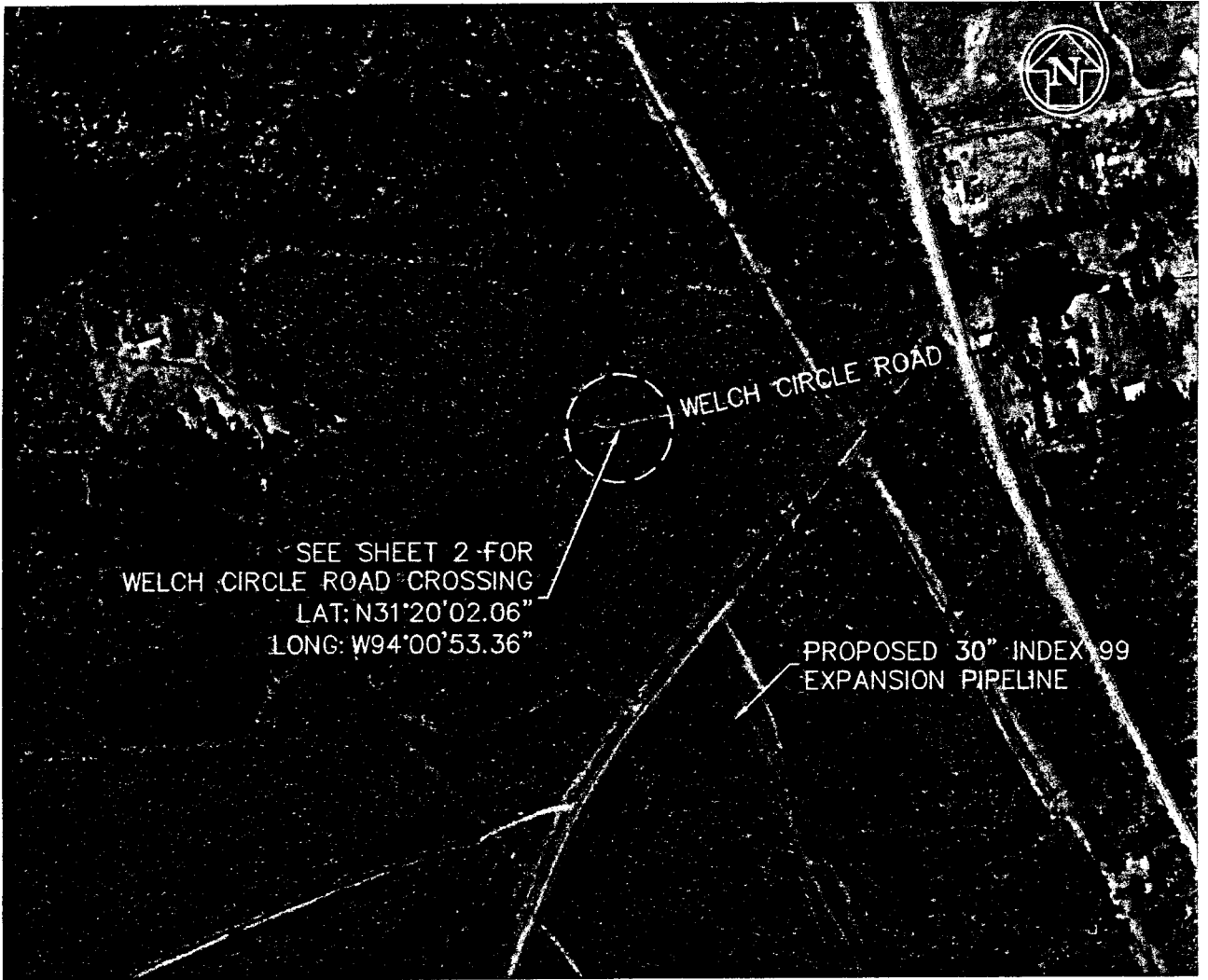
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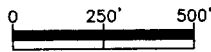
{ SEAL }

Dodie Delaney Notary Public, State of Texas

SABINE COUNTY, TEXAS



VICINITY MAP



SCALE: 1" = 500'



PLAN & PROFILE
PROPOSED 30" INDEX 99 EXPANSION PIPELINE
WELCH CIRCLE ROAD
ROAD CROSSING

Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:		Township:	Range:
Drafter: DCL	Date: 08/23/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/23/19	Scale: 1" = 500'	
Appr: COC	Date: 08/23/19	Filename: 19AB-99-P-104-15.dwg	
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REVISIONS						

1 A B C D ISSUE DATE:

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SABINE COUNTY, TEXAS

PROPOSED INDEX 99L PIPELINE DESIGN DATA

1.0 GENERAL INFORMATION

1.1 APPLICANT/OWNER

GULFSOUTH PIPELINE

9 GREENWAY PLAZA PLAZA, SUITE 2800

HOUSTON, TX 77046

1.2 PIPELINE NAME: INDEX 99 EXPANSION PIPELINE

1.3 PRODUCT: NATURAL GAS

1.4 PROPOSED CONSTRUCTION ACTIVIES SCHEDULED FOR JUNE 2020

2.0 PIPELINE DESIGN DATA

2.1 REGULATIONS AND DESIGN CODES: THE PIPELINE AND HAZARDOUS MATERIAL SAFETY ADMINISTRATION (PHMSA)

STANDARD CFR TITLE 49, PART 192, "TRANSPORTATION OF NATURAL GAS AND OTHER GAS BY PIPELINE" AND PART IV OF THE RAILROAD COMMISSION PIPELINE SAFETY RULES AND ASME B31.8

2.2 DESIGN PRESSURE: 1333 PSIG (MAXIMUM ALLOWABLE OPERATING PRESSURE)

2.3 HYDROSTATIC TEST PRESSURE: 1853 PSIG MIN

2.4 DESIGN FACTOR: 0.60

3.0 CARRIER LINE PIPE (PROPOSED PIPE WITHIN ROAD ROW)

3.1 OUTSIDE DIAMETER: 30.00"

3.2 WALL THICKNESS: 0.500"

3.3 PIPE SPECIFICATION: API 5L X70 PSL2

3.4 SPECIFIED MINIMUM YIELD STRENGTH: 70,000 PSI

3.5 MATERIAL: CARBON STEEL

3.6 PROCESS OF MANUFACTURE: DSAW SEAM JOINT FACTOR 1.0

3.7 EXTERIOR COATING: 14-22 MILS FBE & 30-40 MILS ARO

4.0 CATHODIC PROTECTION

4.1 IMPRESSED CURRENT

5.0 CONSTRUCTION METHOD

5.1 PIPELINE WILL BE INSTALLED BY HORIZONTAL AUGER BORE



PLAN & PROFILE PROPOSED 30" INDEX 99 EXPANSION PIPELINE WELCH CIRCLE ROAD ROAD CROSSING

Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:		Township:	Range:
Drafter: DCL	Date: 08/23/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/23/19	Scale: NOT TO SCALE	
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Dwg. No. 19AB-99-P-104-15			Sheet: 3 of 3
			Rev. A

A	08 23 19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK.	APP.
REVISIONS						

A B C D ISSUE DATE:

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Pipeline Road Crossing Regulations

Road Name Welch Circle

1. No county road may be crossed by a pipeline except by approved application to the Sabine county Commissioner's Court. The applications must be submitted with a plat and specifications for the proposed activity and an application fee of \$ 500.00 payable to Sabine County Texas. It is expressly understood that Sabine County, Texas does not purport hereby to grant any right, claim, title, or easement in or upon the county road or property at issue.
2. Gulf South Pipeline Com successors and assigns shall hold harmless and indemnify Sabine County, Texas and the Commissions Court of Sabine County, Texas against any and all damages to property or injuries to persons, including the legal defense thereof, caused in whole or in part, by the proposed construction. Further, by submission of the application, Gulf South Pipeline Com, successors and assigns, agrees to make changes and alterations to the pipeline as may be required in connection with alteration, paving, or relocation of any public or county road, without cost to Sabine County, TX.
3. The County, unless exception is made, shall require all crossings of county roads to be bore and not by cutting or ditching the county road. All road bores must place the top of the pipe at least five feet deep from the bottom of the road ditch, and run thirty (30) foot from the center of the road on each side. The commissioner of the precinct must be given forty-eight (48) hours notice prior to the bore and he or his representative shall be present at the time of the bore. All road bores shall occur between 7:00 am and 7:00 pm Monday through Friday. A sign shall be placed on the road forty-eight (48) hours in advance advising residents of the road bore, and appropriate signs, flagmen, or safety personal shall be on the road during the bore to ensure the safety of residents and persons using the road.
4. Any person, or entity seeking to cross a county road shall submit a written application to the Sabine County Judge setting forth the road and exact location of the proposed pipeline crossing and describing the pipeline in detail including, but not limited to its depth, size, or diameter, well thickness, and the requested method of crossing the road. (i.e. a road cut or bore)
5. All persons, companies, and entities seeking to use the county in connection with a pipeline bore or drill, including all equipment operations and truck drivers, shall complete and obtain a Pipeline Road Crossing Application approved by the Commissioner Court and executed by the commissioner of the precinct in which the county road is located.
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 - a. A sign shall be placed on the road and notice circulated in a local newspaper for seven (7) days prior to submitting the application to commissioners court advising residents and persons using the road of the proposed action;
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201 Main St., Hemphill, Texas 75948 409-787-3543

Date: 23 Sept 2019 No.: 20190923

Name of Entity: Gulf South Pipeline Company, L.P.

Address: 9 Greenway Plaza, Suite 2643 Phone: (713) 479-8675

Name of Owner: Daniel E Fleming, Director, Land

County Road(s) involved: Cap King Drive

Activity (road boring and/or drilling): Road Bore

Dates: From: September 19, 2019 To: December 1, 2020

Companies Using Permits: Gulf South Pipeline Company L.P.

Number of Trucks: _____

Type of Truck: Oil Field Logger Saltwater
 Poultry Utility Concrete

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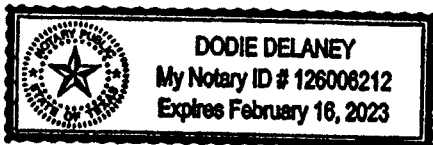
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Issued this 23 day of Sept, 2019.

Applicant Signature: Daniel E Fleming Daniel E. Fleming
Director of Land

Commissioner Signature: Butch Ellison

SWORN and SUBSCRIBED before me this the 12th day of September, 2019.



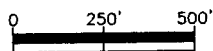
{ SEAL }

Dodie Delaney
Notary Public, State of Texas

SABINE COUNTY, TEXAS



VICINITY MAP



SCALE: 1" = 500'



PLAN & PROFILE
PROPOSED 30" INDEX 99 EXPANSION PIPELINE
CAP KING DRIVE
ROAD CROSSING

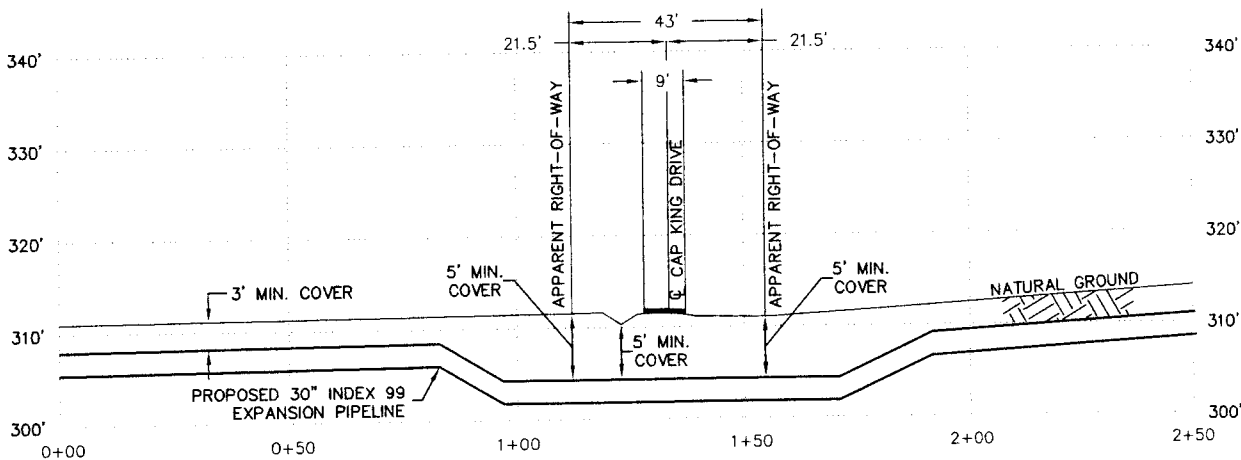
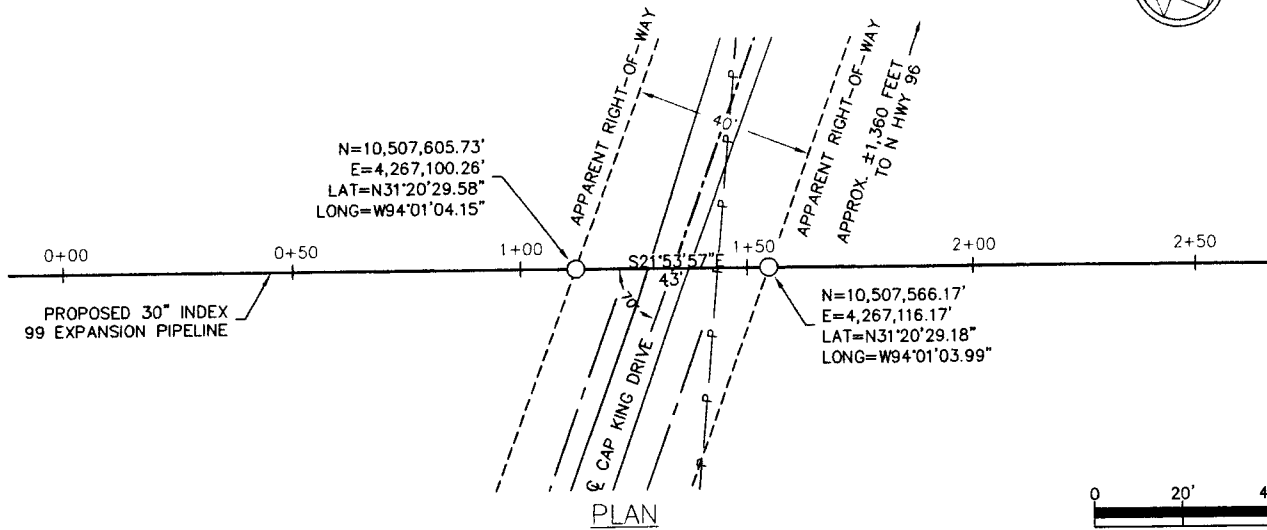
Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:		Township:	Range:
Drafter: DCL	Date: 08/30/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/30/19	Scale: 1" = 500'	
Appr: COC	Date: 08/30/19	Filename: 19AB-99-P-104-17.dwg	
Dwg. No. 19AB-99-P-104-18		Sheet: 1 of 3	Rev. A

NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK	APP.
A	08/30/19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
REVISIONS						

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5
4
3
2
1

SABINE COUNTY, TEXAS



NOTES:

1. PROPOSED PIPELINE WILL BE INSTALLED BY CONVENTIONAL BORE METHOD.
2. MARKERS WILL BE PLACED AT BOTH ROAD ROW LINES WITH UTILITY NAME, PRODUCT, AND EMERGENCY NUMBER.
3. COORDINATES SHOWN REFER TO NAD83 TEXAS STATE PLANES, CENTRAL ZONE, US FOOT.
4. RIGHT-OF-WAY WILL BE RESTORED TO EQUAL OR BETTER CONDITION WHEN CONSTRUCTION IS COMPLETE.
5. BORE PITS SHALL BE KEPT AT LEAST 3 FEET FROM THE ROAD ROW.

LEGEND

- PROPOSED P/L
- - - CENTERLINE DITCH
- - - CENTERLINE ROAD
- - - RIGHT-OF-WAY LINE
- P - P - OVER HEAD POWER LINE

A	08 30 19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK.	APP.
REVISIONS						

GULF SOUTH[®]
PIPELINE

PLAN & PROFILE
PROPOSED 30" INDEX 99 EXPANSION PIPELINE
CAP KING DRIVE
ROAD CROSSING

Co./Par.: SABINE		State: TEXAS	
Division:		Op. Area:	
Latitude:		Longitude:	
Section:		Township:	Range:
Drafter: DCL	Date: 08/30/19	Project ID: 19AB	Loc. No.
Chk'd: CEN	Date: 08/30/19	Scale: 1" = 20'	
Appr: COC	Date: 08/30/19	Filename: 19AB-99-P-104-17.dwg	
Dwg. No. 19AB-99-P-104-18			Sheet: 2 of 3
			Rev. A

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SABINE COUNTY, TEXAS

PROPOSED INDEX 99L PIPELINE DESIGN DATA

1.0 GENERAL INFORMATION

1.1 APPLICANT/OWNER

GULFSOUTH PIPELINE
 9 GREENWAY PLAZA PLAZA, SUITE 2800
 HOUSTON, TX 77046

1.2 PIPELINE NAME: INDEX 99 EXPANSION PIPELINE

1.3 PRODUCT: NATURAL GAS

1.4 PROPOSED CONSTRUCTION ACTIVIES SCHEDULED FOR JUNE 2020

2.0 PIPELINE DESIGN DATA

2.1 REGULATIONS AND DESIGN CODES: THE PIPELINE AND HAZARDOUS MATERIAL SAFETY ADMINISTRATION (PHMSA)
 STANDARD CFR TITLE 49, PART 192, "TRANSPORTATION OF NATURAL GAS AND OTHER GAS BY PIPELINE" AND PART IV OF
 THE RAILROAD COMMISSION PIPELINE SAFETY RULES AND ASME B31.8

2.2 DESIGN PRESSURE: 1333 PSIG (MAXIMUM ALLOWABLE OPERATING PRESSURE)

2.3 HYDROSTATIC TEST PRESSURE: 2333 PSIG MIN

2.4 DESIGN FACTOR: 0.50

3.0 CARRIER LINE PIPE (PROPOSED PIPE WITHIN ROAD ROW)

3.1 OUTSIDE DIAMETER: 30.00"

3.2 WALL THICKNESS: 0.625"

3.3 PIPE SPECIFICATION: API 5L X70 PSL2

3.4 SPECIFIED MINIMUM YIELD STRENGTH: 70,000 PSI

3.5 MATERIAL: CARBON STEEL

3.6 PROCESS OF MANUFACTURE: DSAW SEAM JOINT FACTOR 1.0

3.7 EXTERIOR COATING: 14-22 MILS FBE & 30-40 MILS ARO

4.0 CATHODIC PROTECTION

4.1 IMPRESSED CURRENT

5.0 CONSTRUCTION METHOD

5.1 PIPELINE WILL BE INSTALLED BY HORIZONTAL AUGER BORE



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NO.	DATE	BY	DESCRIPTION	PROJ. ID	CHK.	APP.
A	08/30/19	DCL	ISSUED FOR REVIEW	19AB	CEN	COC
REVISIONS						

D ISSUE DATE:

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Pipeline Road Crossing Regulations

Road Name CAD King Drive

1. No county road may be crossed by a pipeline except by approved application to the Sabine county Commissioner's Court. The applications must be submitted with a plat and specifications for the proposed activity and an application fee of \$ 500.00 payable to Sabine County Texas. It is expressly understood that Sabine County, Texas does not purport hereby to grant any right, claim, title, or easement in or upon the county road or property at issue.
2. Gulf South Pipeline Co. successors and assigns shall hold harmless and indemnify Sabine County, Texas and the Commissions Court of Sabine County, Texas against any and all damages to property or injuries to persons, including the legal defense thereof, caused in whole or in part, by the proposed construction. Further, by submission of the application, Gulf South Pipeline Co. successors and assigns, agrees to make changes and alterations to the pipeline as may be required in connection with alteration, paving, or relocation of any public or county road, without cost to Sabine County, TX.
3. The County, unless exception is made, shall require all crossings of county roads to be bore and not by cutting or ditching the county road. All road bores must place the top of the pipe at least five feet deep from the bottom of the road ditch, and run thirty (30) foot from the center of the road on each side. The commissioner of the precinct must be given forty-eight (48) hours notice prior to the bore and he or his representative shall be present at the time of the bore. All road bores shall occur between 7:00 am and 7:00 pm Monday through Friday. A sign shall be placed on the road forty-eight (48) hours in advance advising residents of the road bore, and appropriate signs, flagmen, or safety personal shall be on the road during the bore to ensure the safety of residents and persons using the road.
4. Any person, or entity seeking to cross a county road shall submit a written application to the Sabine County Judge setting forth the road and exact location of the proposed pipeline crossing and describing the pipeline in detail including, but not limited to its depth, size, or diameter, well thickness, and the requested method of crossing the road. (i.e. a road cut or bore)
5. All persons, companies, and entities seeking to use the county in connection with a pipeline bore or drill, including all equipment operations and truck drivers, shall complete and obtain a Pipeline Road Crossing Application approved by the Commissioner Court and executed by the commissioner of the precinct in which the county road is located.
6. In the even that an open cut road crossing is allowed, the following minimum requirements shall be required:
 - a. A sign shall be placed on the road and notice circulated in a local newspaper for seven (7) days prior to submitting the application to commissioners court advising residents and persons using the road of the proposed action;
 - b. The crossing shall maintain a minimum depth of five (5) feet from the top of the pipe for thirty (30) feet on each side of the road;
 - c. Open cut crossings shall be backfilled with sand around the pipe and with twelve (12) inches cover over the pipe, then continue the backfilling process with a minimum (3) sack Flow-Able Fill material to a point within twelve (12) inches of the existing road surface. The road will be platted to allow adequate time for curing and settlement and the remainder will be backfilled with approved road base material. The base will be installed in lifts and compacted to equal or greater density than the existing road conditions for a distance of at least 100 foot on each side of the cut.