

JOINT PUBLIC NOTICE

November 24, 2014

United States Army
Corps of Engineers
New Orleans District
Attn: Regulatory Branch
Post Office Box 60267
New Orleans, Louisiana 70160-0267

State of Louisiana
Department of Environmental Quality
Attn: Water Quality Certification Sec.
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

Project Manager: James W. Little, Jr.
(225) 342-3099 / fax: (225) 342-9439
james.little@usace.army.mil
Permit Application Number:
MVN-2014-00680-WII

Project Manager:
Elizabeth Johnson
(225) 219-3225 / fax: (225) 219-3156
WQC Application Number:
WQC 141105-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

BRINE PIPELINE REPLACEMENT IN LAFOURCHE PARISH

NAME OF APPLICANT: Texas Brine Company, LLC, c/o Miller Engineers & Associates, Inc., Attn: Mr. Joel Miller, P. O. Box 223, Franklin, Louisiana 70538..

LOCATION OF WORK: In Lafourche Parish, Sections 19, 55, 59, 64 and 71, T15S – R15E; Sections 33 and 159, T14S – R15E; POB: 29.73548, -90.94567; POE: 29.82508, -90.91339, approximately 3 miles northwest of Chacahoula, Louisiana, as shown on the attached vicinity map. (Hydrologic Unit Code 08090302, Barataria Basin)

CHARACTER OF WORK: Clear rights-of-way, conduct trenching operations, temporarily stockpile and backfill with approximately 26,283 cubic yards of native earthen material; all as necessary to replace approximately 35,480 feet of an existing 14-inch brine pipeline. Project implementation would impact approximately 5.5 acres of jurisdictional wetlands. The applicant proposes to compensate for project related unavoidable wetland impacts by purchasing mitigation at a Corps approved mitigation bank within the New Orleans District.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be submitted so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH.**

Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction or alteration of N/A acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, before a permit is issued.

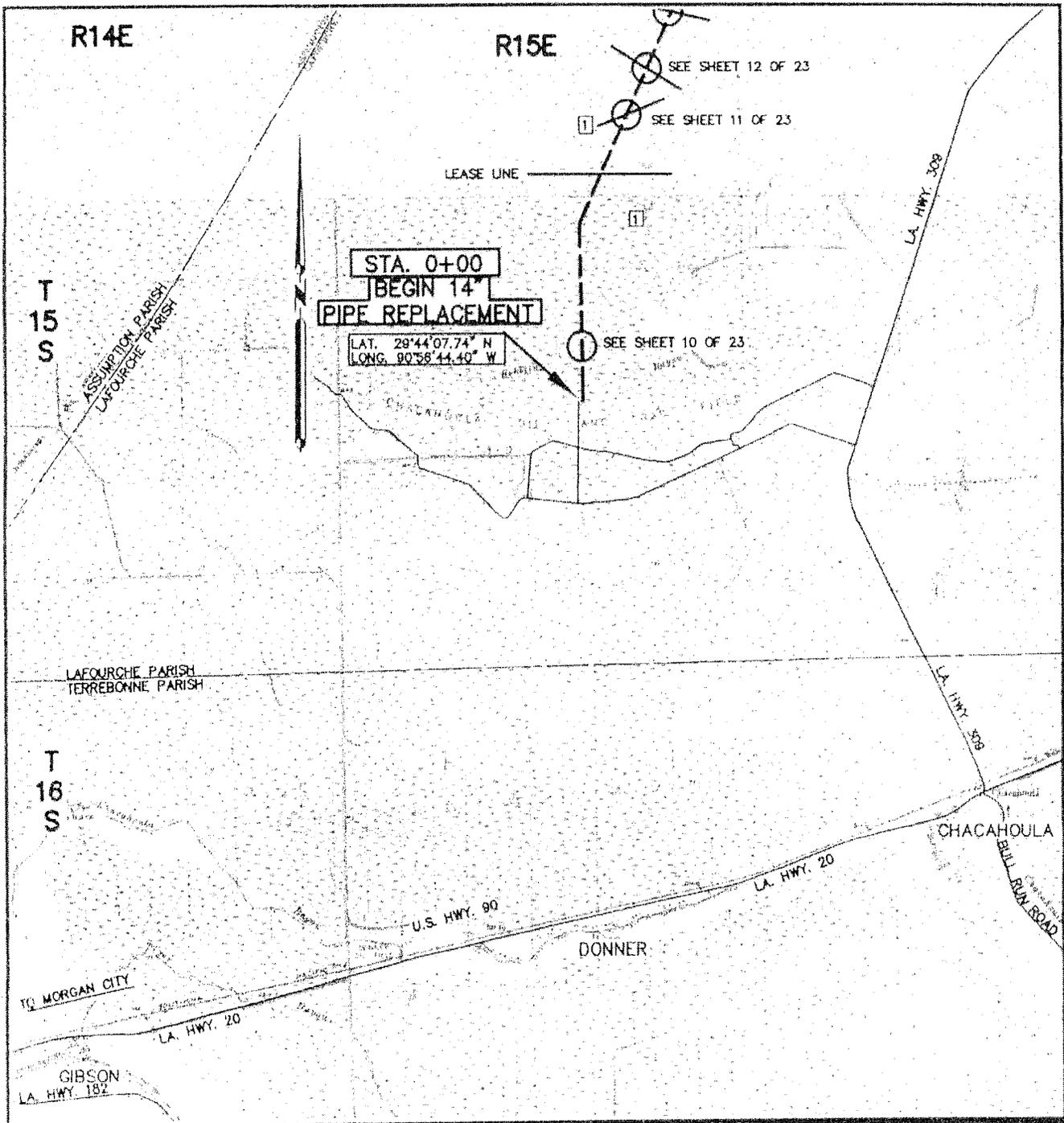
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

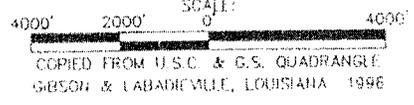
You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

Enclosure



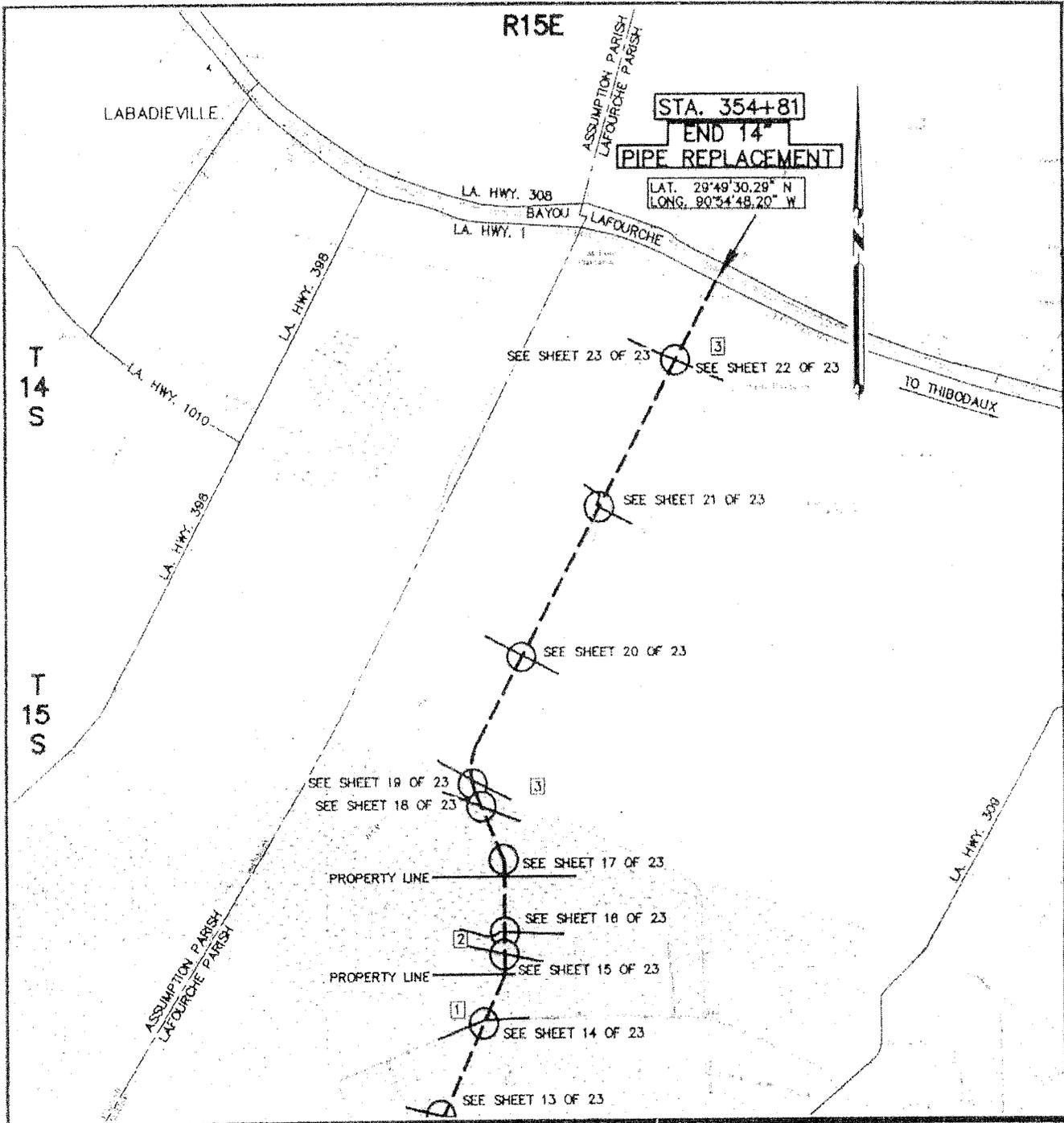
VICINITY PLAN



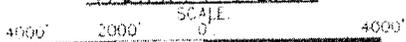
ADJACENT PROPERTY OWNERS:

- 1 LANDS OF EST. OF E. W. BROWN, et al.
- 2 LANDS OF VIVIAN BERGERON SPENCER, et al.
- 3 LANDS OF WHITE LAFOURCHE, LLC

PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: VARIOUS ROADS & CANALS
 SITUATED IN: SEC'S. 71,64,59,55 & 19,
 T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 1 OF 23



VICINITY PLAN



COPIED FROM U.S.C. & G.S. QUADRANGLE
LABADIEVILLE, LOUISIANA 1996

CHIPPING/CLEARING PIPELINE R.O.W. = 5.49 ACRES
EXCAVATION & BACKFILL = 26,283 Cu. Yds.

PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: VARIOUS ROADS & CANALS
SITUATED IN: SEC'S. 71,64,59,55 & 19,
T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
LAFOURCHE PARISH, LOUISIANA

APPLICATION BY: TEXAS BRINE
CORPORATION, LLC

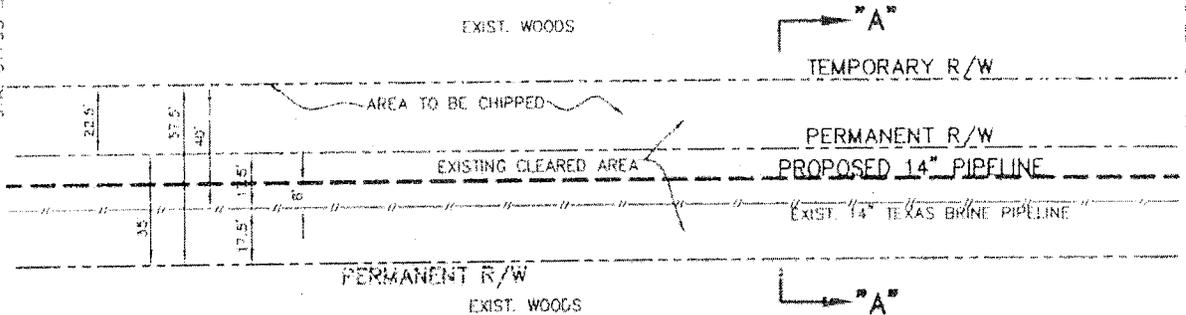
DATE: FEBRUARY 24, 2014

SHEET 2 OF 23

STA. 61+98 LEASE LINE

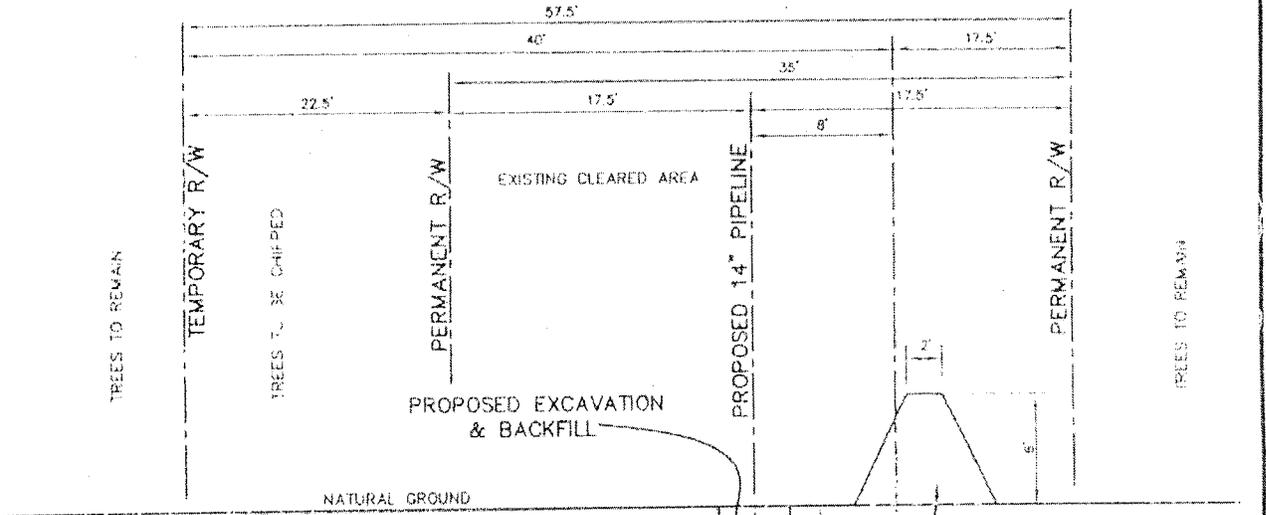
LANDS OF EST. OF E. W. BROWN, et al.

STA. 151+77 PROPERTY LINE



TYPICAL PLAN VIEW

SCALE:



TYPICAL SECTION "A-A"

SCALE:



Sta. 61+98 To Sta. 151+77

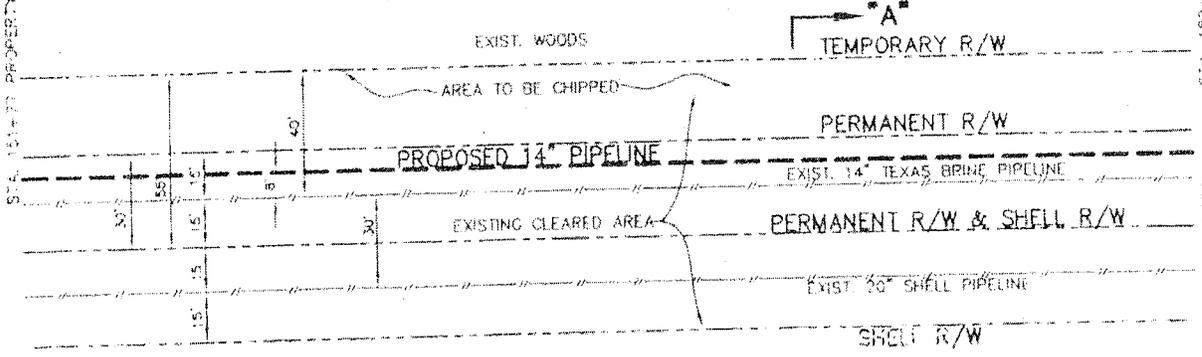
NOTE: WORK SHOWN ON THIS PAGE IS NOT IN PROGRESS AND A PORTION WILL BE DONE IN THE EXIST. MAINTAINED CLEARED R/W.

PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: VARIOUS ROADS & CANALS
 SITUATED IN: SEC'S. 71,64,59,55 & 19,
 T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 4 OF 23

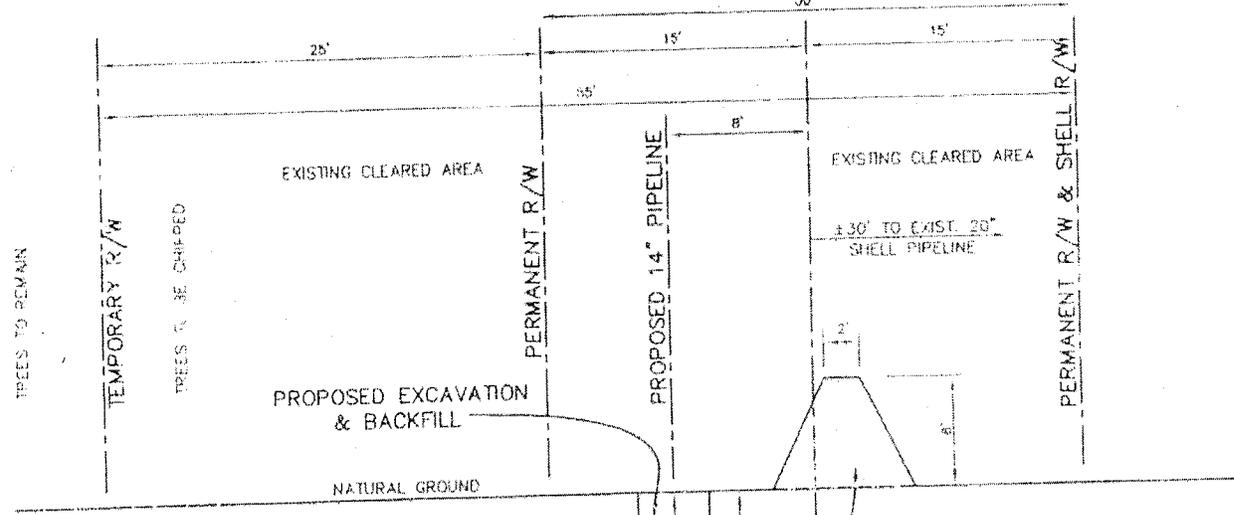
STA. 151+77 PROPERTY LINE

LANDS OF VIVIAN BERGERON SPENCER, #1 of

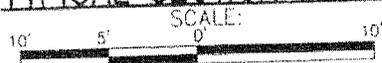
STA. 182+83 P.L.



TYPICAL PLAN VIEW



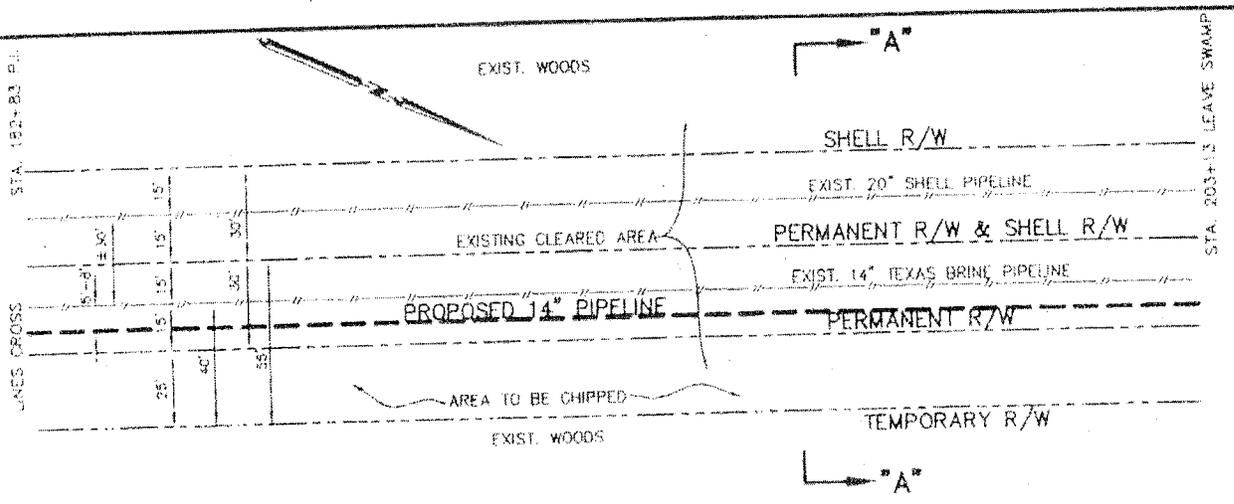
TYPICAL SECTION "A-A"



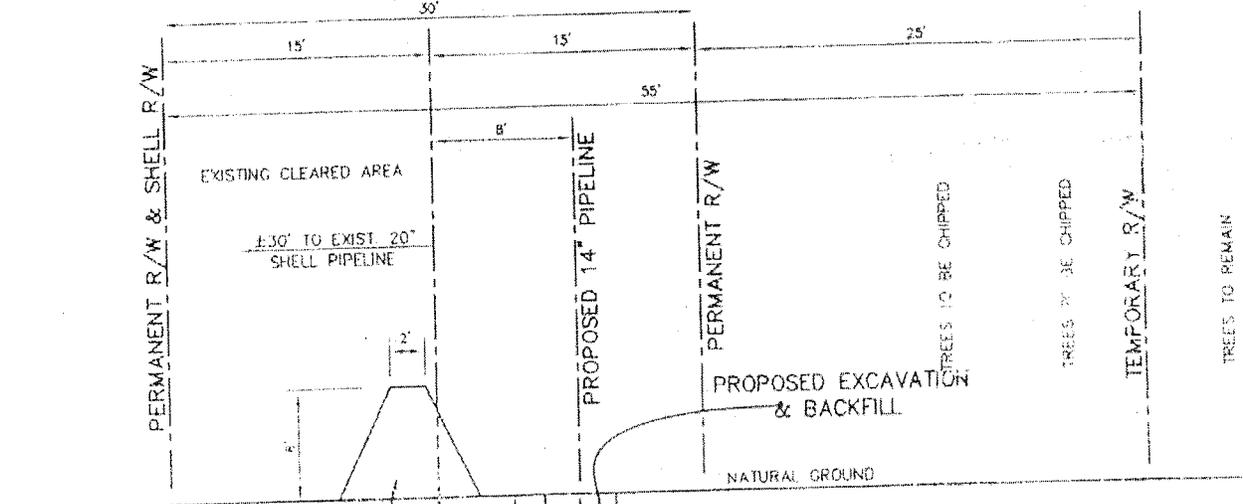
Sta. 151+77 To Sta. 182+83

NOTE: WORK SHOWN ON THIS PAGE IS NOT IN PROGRESS AND A PORTION WILL BE DONE IN THE EXIST. MAINTAINED CLEARED R/W.

PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: VARIOUS ROADS & CANALS
 SITUATED IN: SEC'S. 71,64,59,55 & 19,
 T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 5 OF 23



TYPICAL PLAN VIEW



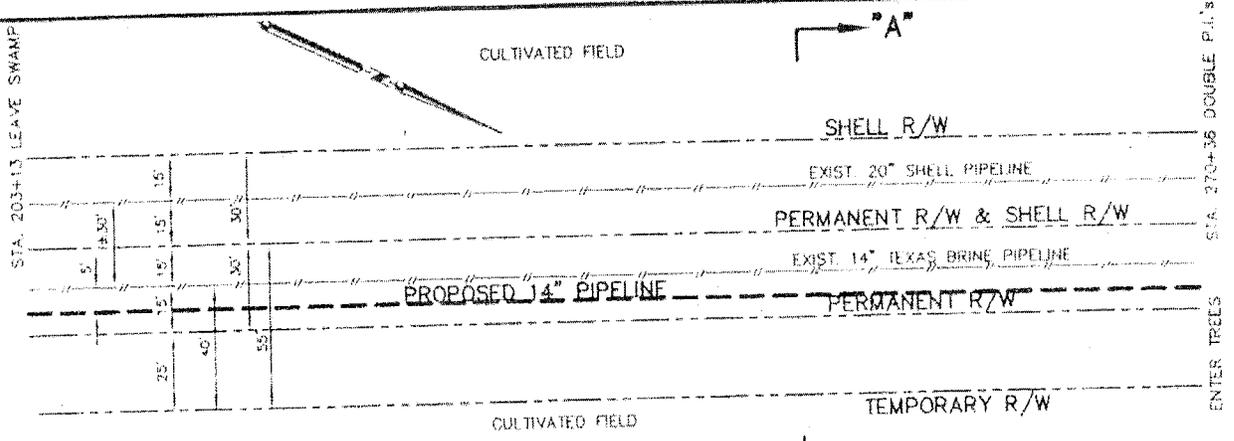
TYPICAL SECTION "A-A"



Sta. 182+83 To Sta. 203+13

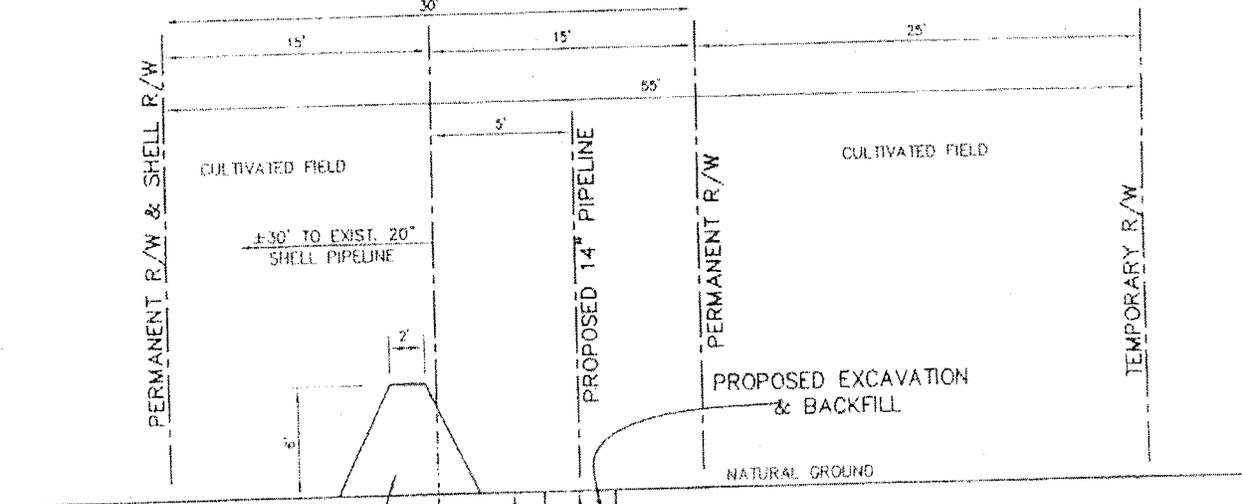
NOTE: WORK SHOWN ON THIS PAGE IS NOT IN PROGRESS AND A PORTION WILL BE DONE IN THE EXIST. MAINTAINED CLEARED R/W.

PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: VARIOUS ROADS & CANALS
 SITUATED IN: SEC'S. 71,64,59,55 & 19,
 T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 6 OF 23



TYPICAL PLAN VIEW

SCALE: 60' 30' 0' 60'



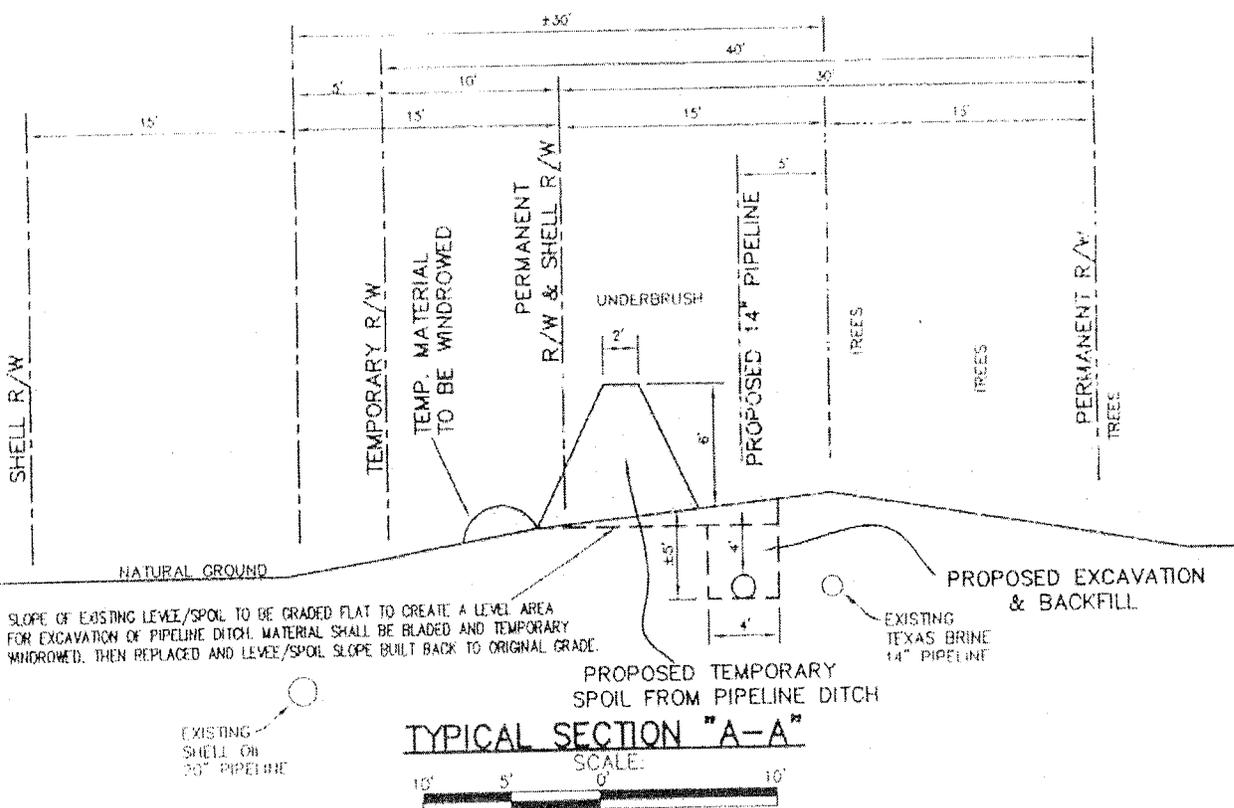
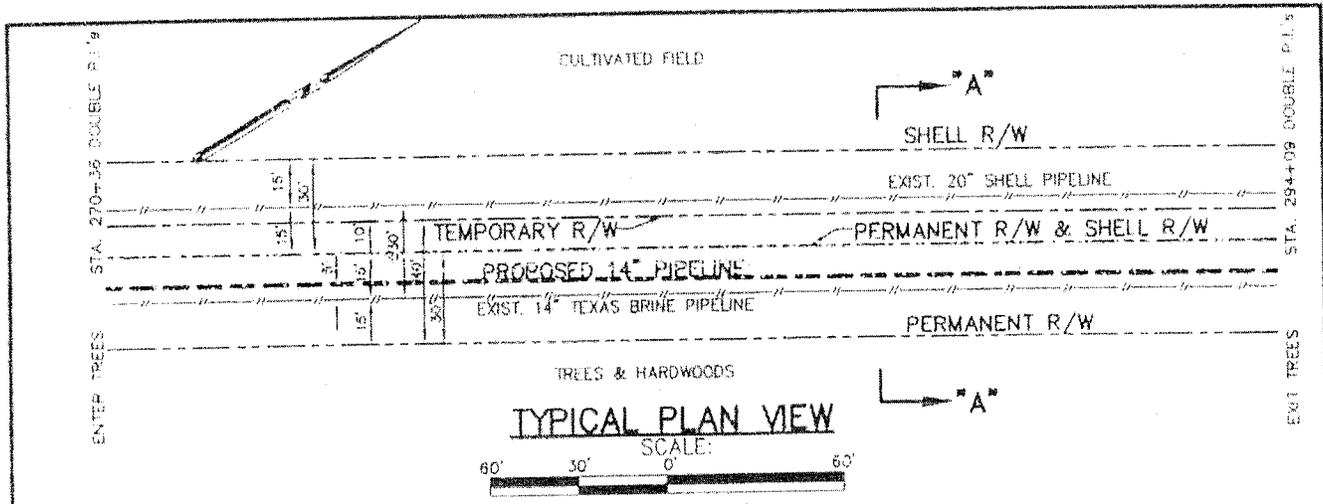
TYPICAL SECTION "A-A"

SCALE: 10' 5' 0' 10'

Sta. 203+13 To Sta. 270+36

NOTE: WORK SHOWN ON THIS PAGE IS NOT IN PROGRESS.

PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: VARIOUS ROADS & CANALS
 SITUATED IN: SEC'S. 71,64,59,55 & 19,
 T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 7 OF 23

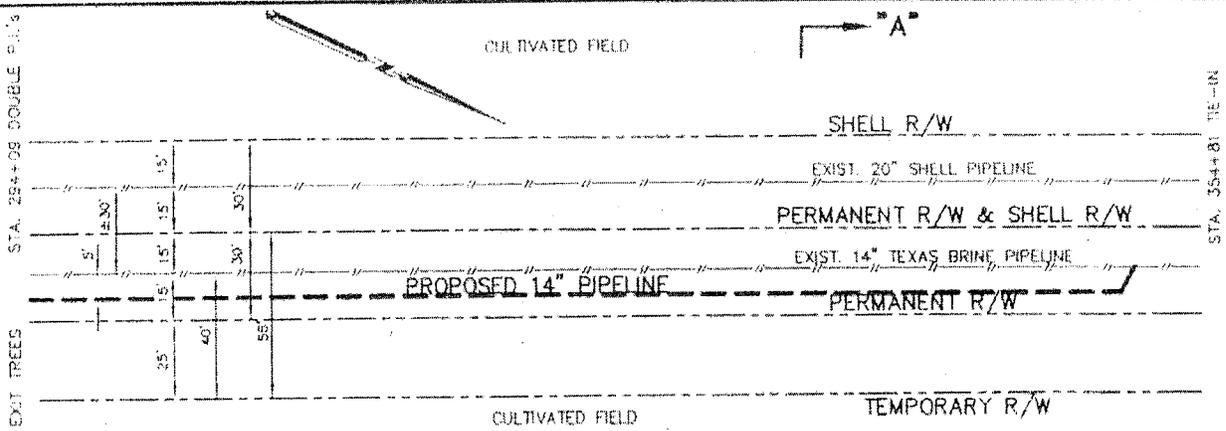


Sta. 270+36 To Sta. 294+09

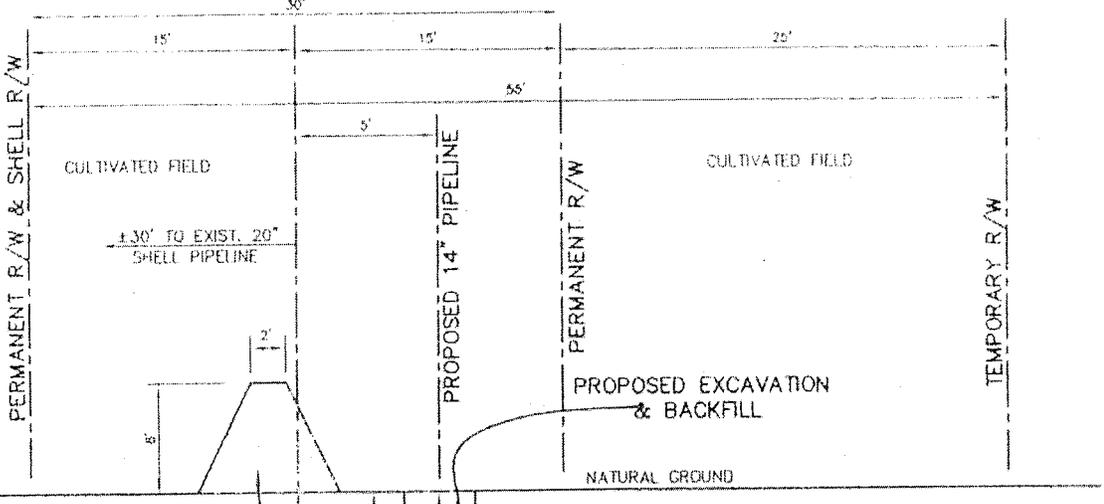
NOTES:

1. WORK SHOWN ON THIS PAGE IS NOT IN PROGRESS.
2. UNDERBRUSH TO BE CLEARED FOR NEW PIPELINE CONSTRUCTION.
3. OVERHEAD & HANGING BRANCHES WITHIN EXISTING PERM. R/W TO BE CUT TO ALLOW FOR NEW PIPELINE CONSTRUCTION.

PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: VARIOUS ROADS & CANALS
SITUATED IN: SEC'S. 71,64,59,55 & 19,
T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
LAFORCHE PARISH, LOUISIANA
APPLICATION BY: TEXAS BRINE
CORPORATION, LLC
DATE: FEBRUARY 24, 2014
SHEET 8 OF 23



TYPICAL PLAN VIEW



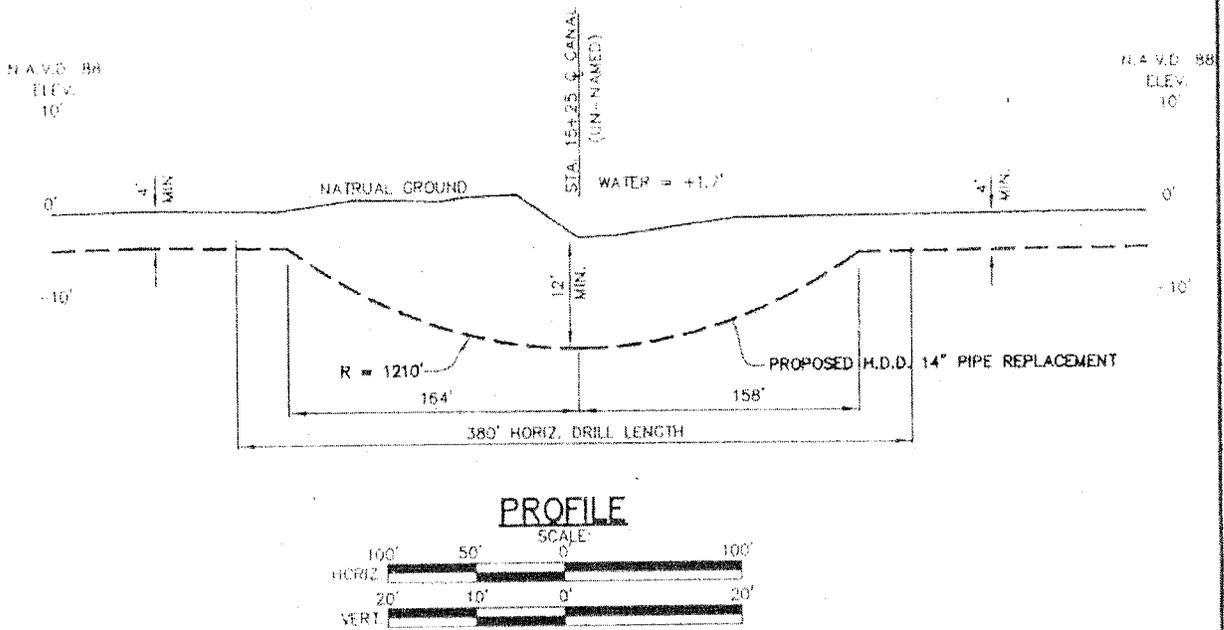
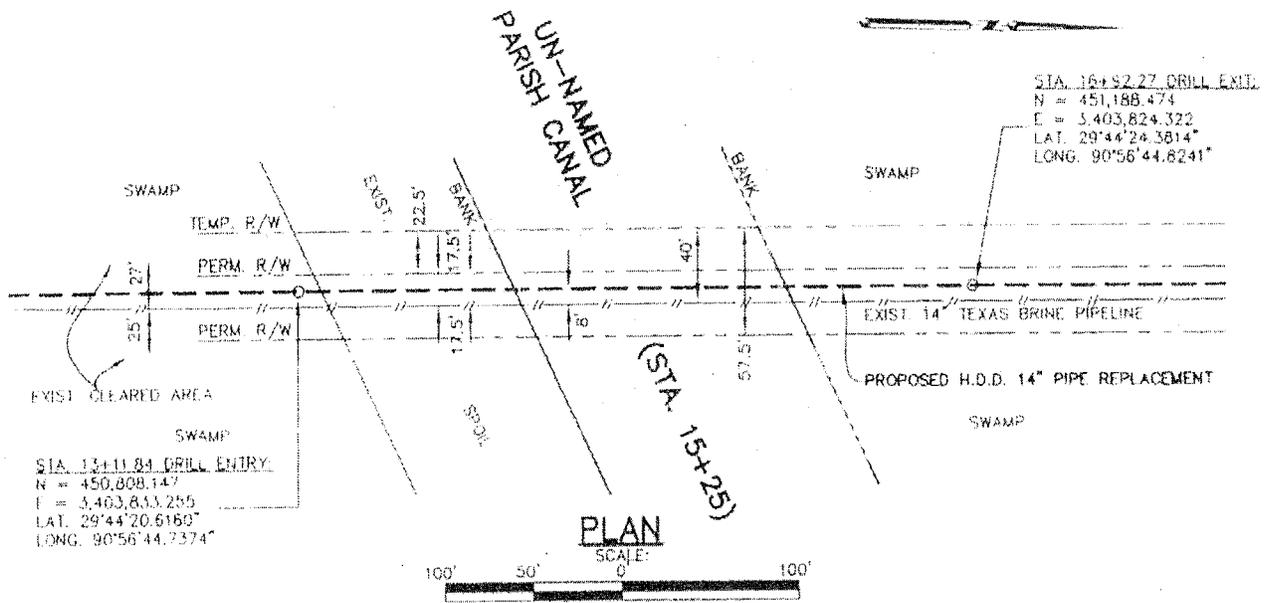
TYPICAL SECTION "A-A"



Sta. 294+09 To Sta. 354+81

NOTE: WORK SHOWN ON THIS PAGE IS NOT IN PROGRESS.

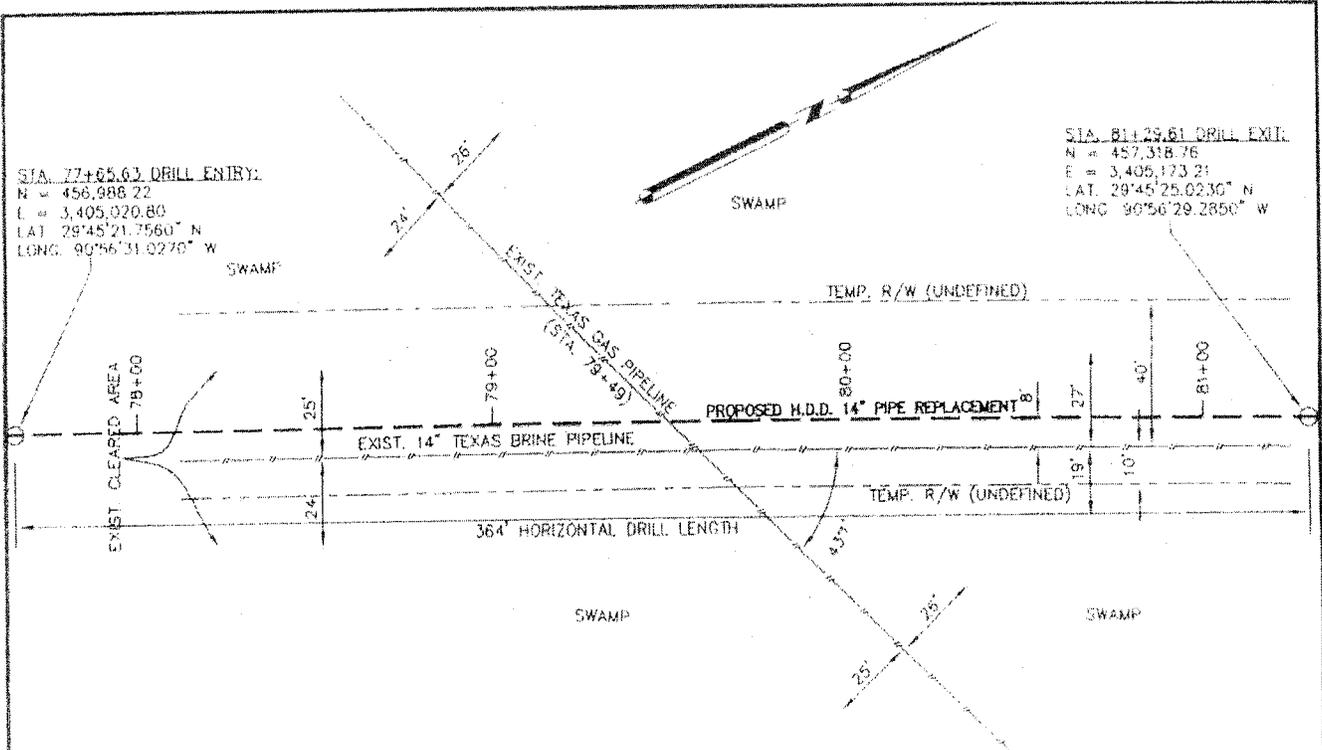
PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: VARIOUS ROADS & CANALS
 SITUATED IN: SEC'S. 71,64,59,55 & 19,
 T15S-R15E, & SEC'S. 159 & 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 9 OF 23



PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: PARISH CANAL (STA. 15+25)
 UN-NAMED
 SITUATED IN: SECTION 71, T15S-R15E,
 LAFORCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 10 OF 23

STA. 77+65.63 DRILL ENTRY:
 N = 456,988.22
 E = 3,405,020.80
 LAT. 29°45'21.7560" N
 LONG. 90°56'31.0270" W

STA. 81+29.61 DRILL EXIT:
 N = 457,318.76
 E = 3,405,173.21
 LAT. 29°45'25.0230" N
 LONG. 90°56'29.2850" W

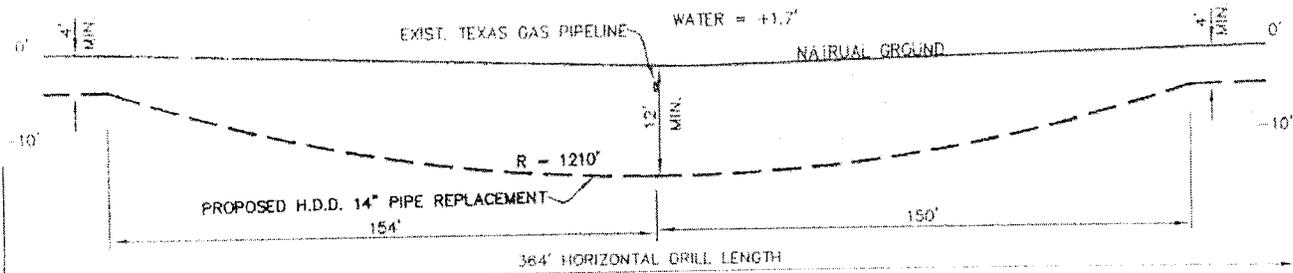


PLAN

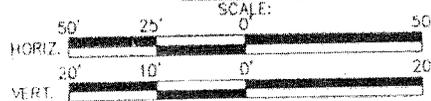


N.A.V.D. 88
 ELEV.
 10'

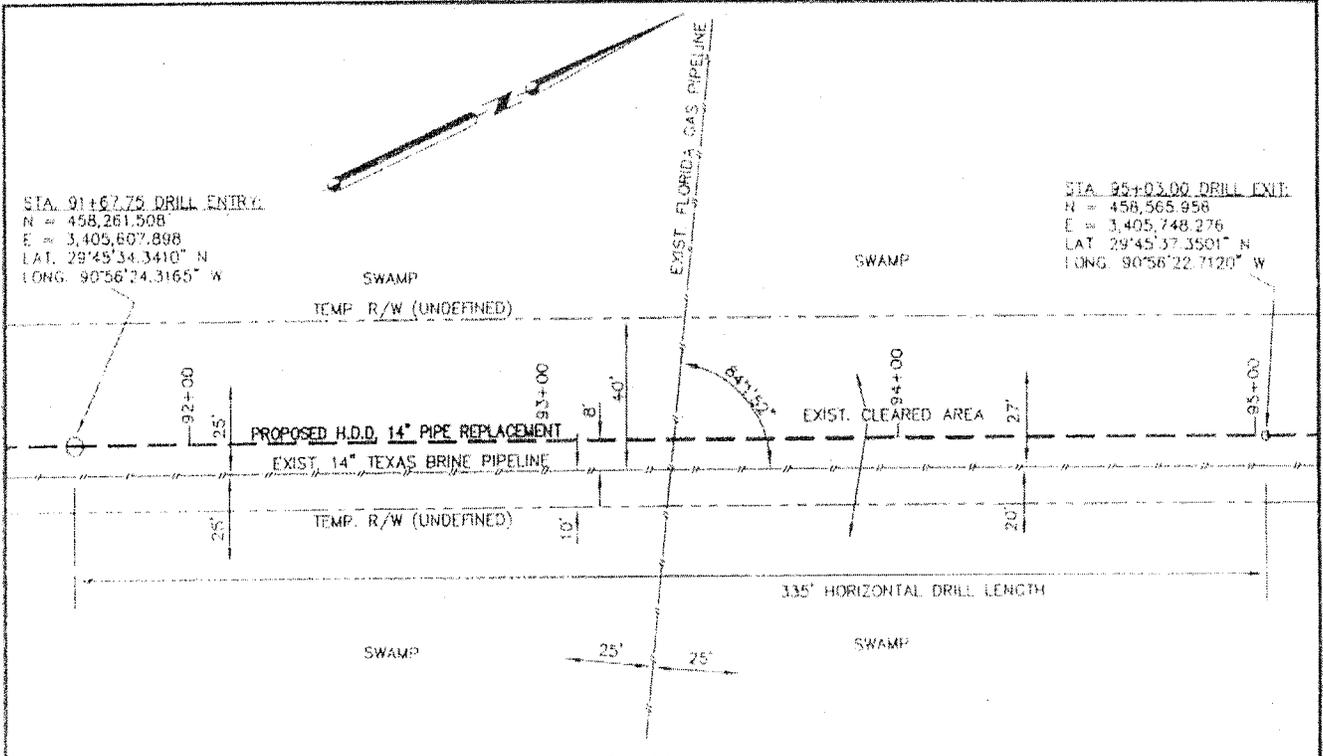
N.A.V.D. 88
 ELEV.
 10'



PROFILE



**PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: TEXAS GAS PIPELINE
 (STA. 79+49)
 SITUATED IN: SECTION 64, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 11 OF 23**

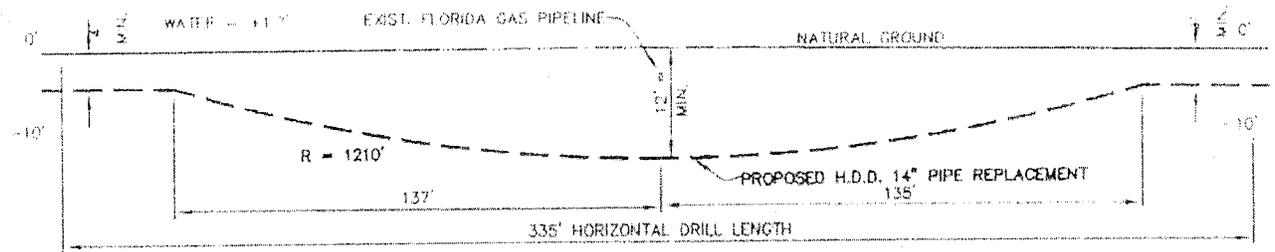


PLAN

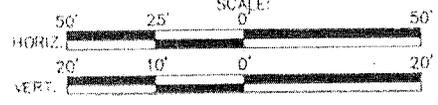


N.A.V.D. 88
ELEV.
10'

N.A.V.D. 88
ELEV.
10'



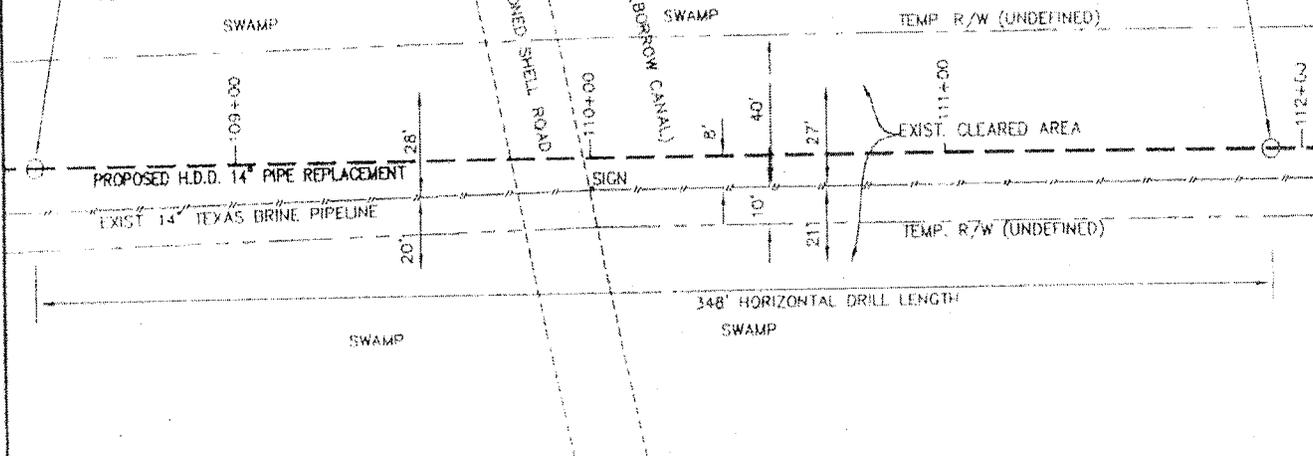
PROFILE



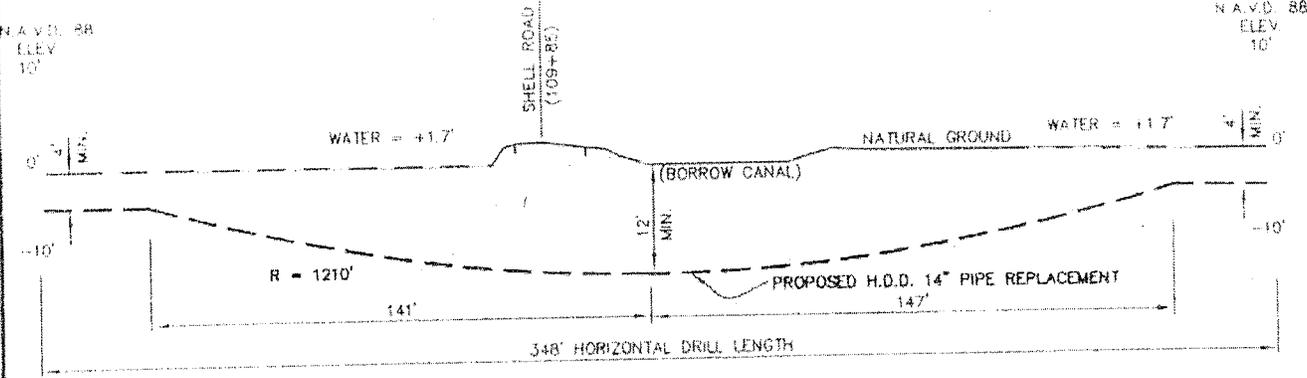
PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: FLORIDA GAS PIPELINE
(STA. 93+36)
SITUATED IN: SECTION 59, T15S-R15E,
LAFOURCHE PARISH, LOUISIANA
APPLICATION BY: TEXAS BRINE
CORPORATION, LLC
DATE: FEBRUARY 24, 2014
SHEET 12 OF 23

STA. 108+43.00 DRILL ENTRC
 N = 459,783,369
 E = 3,406,309,612
 LAT. 29°45'49.3828" N
 LONG. 90°56'16.2954" W

STA. 111+91.29 DRILL EXIT
 N = 460,089,110
 E = 3,406,455,197
 LAT. 29°45'52.5035" N
 LONG. 90°56'14.6317" W



PLAN



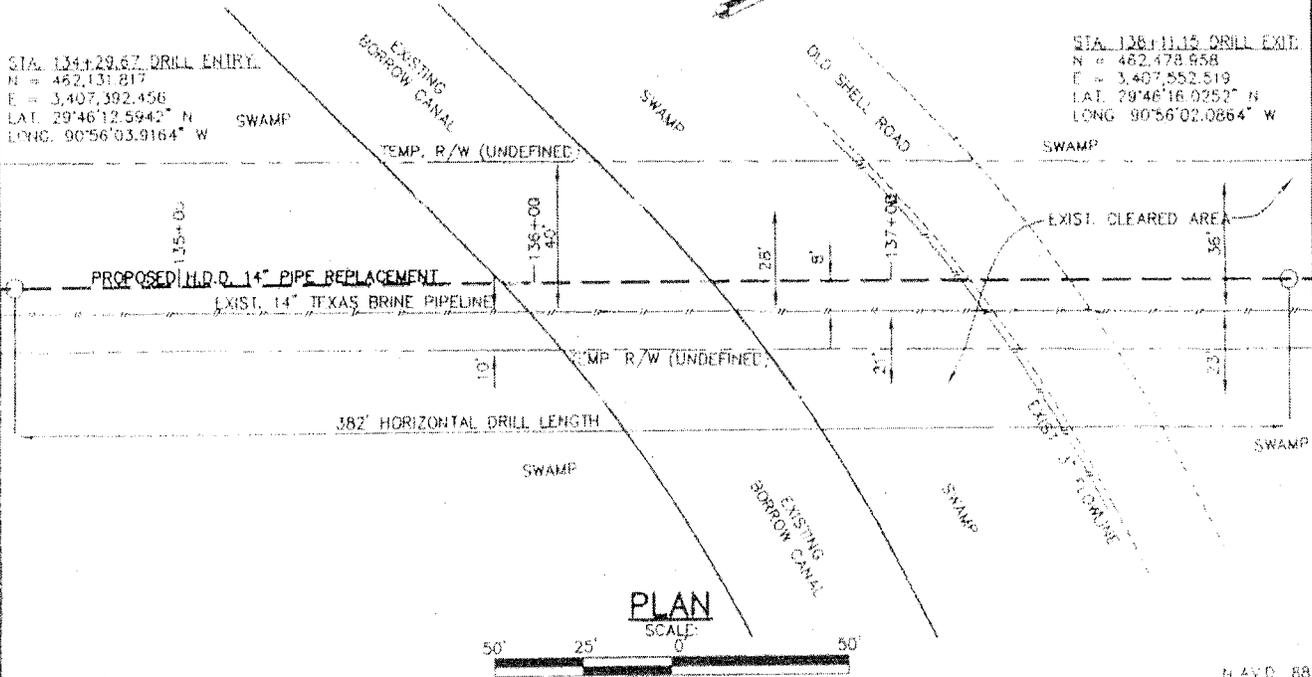
PROFILE



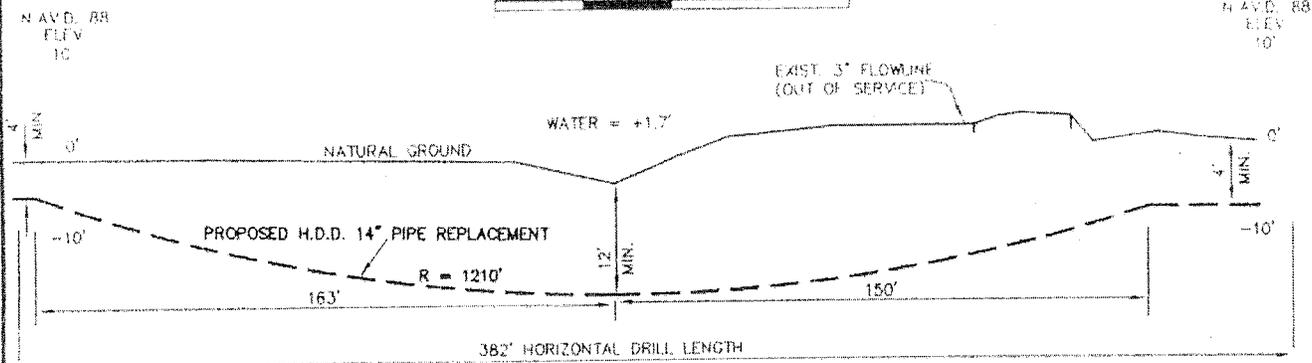
PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: ABANDONED SHELL ROAD
 (STA. 109+85)
 SITUATED IN: SECTION 59, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 13 OF 13

STA. 134+29.67 DRILL ENTRY.
 N = 462,131.817
 E = 3,407,392.456
 LAT. 29°46'12.5942" N
 LONG. 90°56'03.9164" W

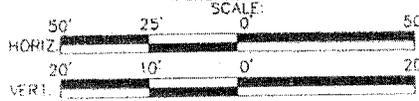
STA. 138+11.15 DRILL EXIT.
 N = 462,478.958
 E = 3,407,552.519
 LAT. 29°46'16.0252" N
 LONG. 90°56'02.0864" W



PLAN



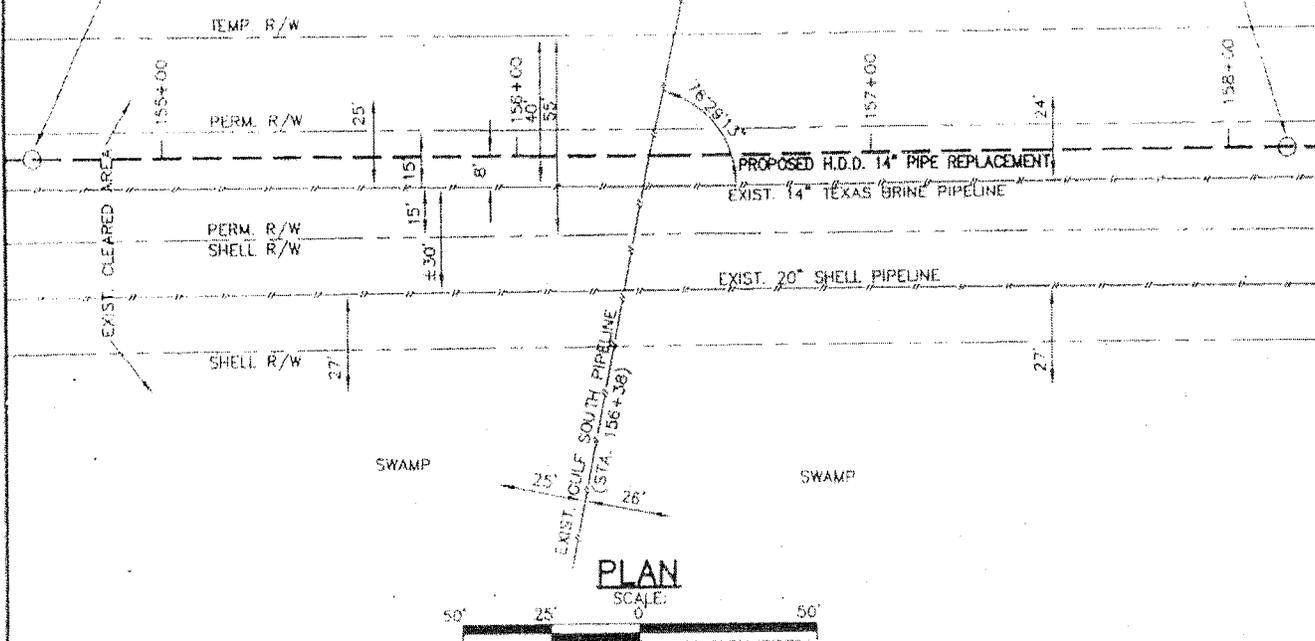
PROFILE



PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: BORROW CANAL
 (STA. 136+21)
 SITUATED IN: SECTION 59, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 14 OF 23

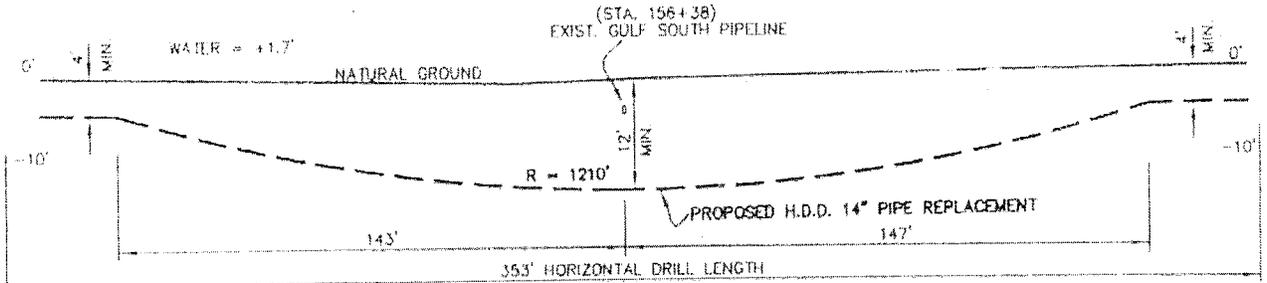
STA. 154+63.59 DRILL ENTRY
 N = 464,011.671
 E = 3,408,115.267
 LAT. 29°46'31.1788" N
 LONG. 90°55'55.6399" W

STA. 158+16.38 DRILL EXIT
 N = 464,364.460
 E = 3,408,114.746
 LAT. 29°46'34.6713" N
 LONG. 90°55'55.6318" W



N.A.V.D. 88
 ELEV.
 10'

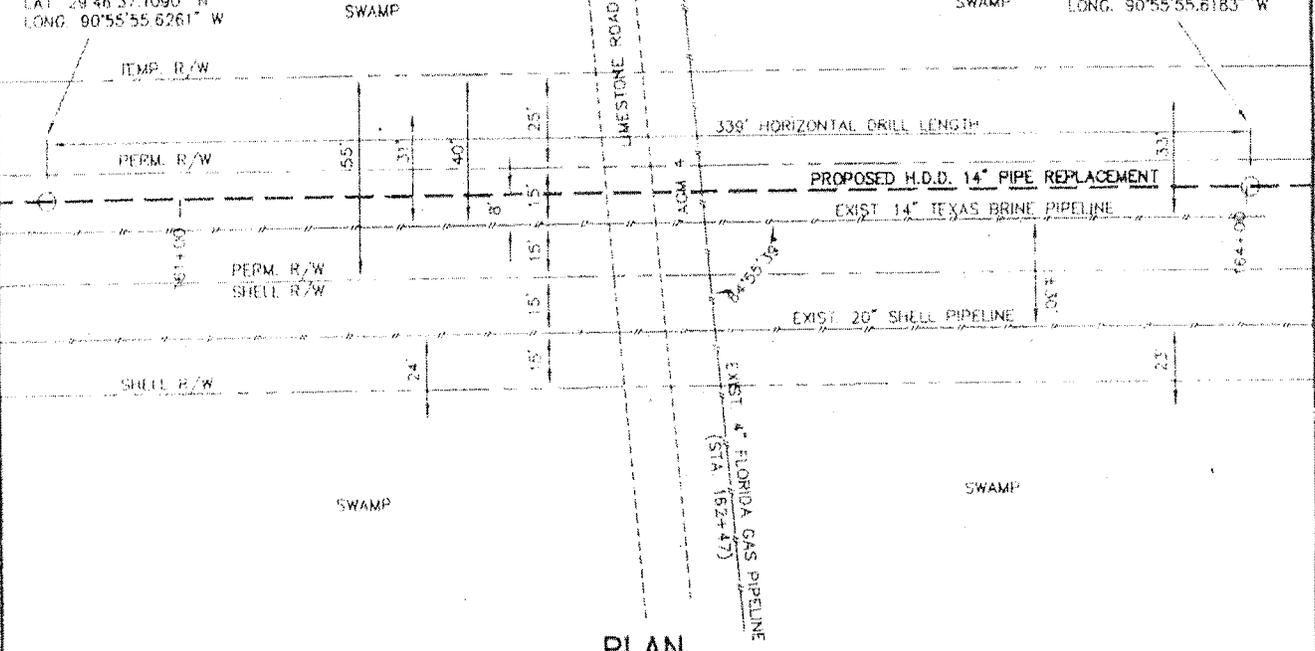
N.A.V.D. 88
 CLEV.
 10'



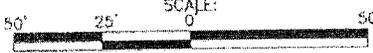
**PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: GULF SOUTH PIPELINE
 (STA. 156+38)
 SITUATED IN: SECTION 55, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 15 OF 23**

STA. 160+62.62 DRILL ENTRY:
 N = 464,610.703
 E = 3,408,114.387
 LAT. 29°46'37.1090" N
 LONG. 90°55'55.6261" W

STA. 164+01.09 DRILL EXIT:
 N = 464,949.172
 E = 3,408,113.889
 LAT. 29°46'40.4597" N
 LONG. 90°55'55.6183" W

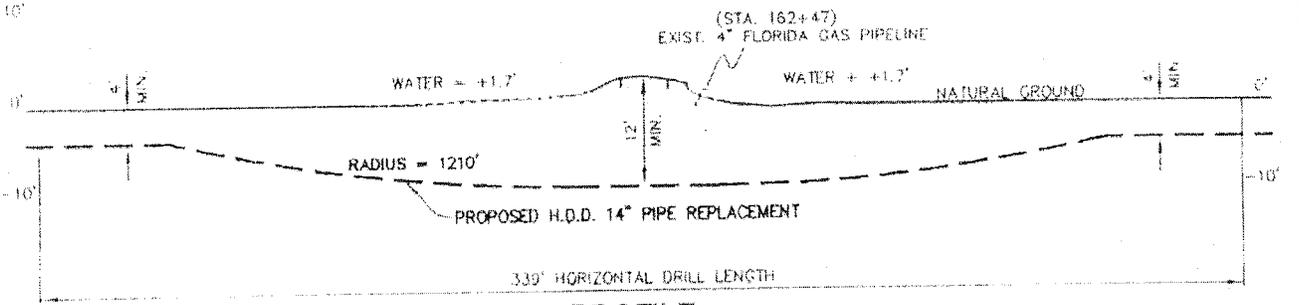


PLAN



N.A.V.D. 88
 ELEV.
 10'

N.A.V.D. 88
 ELEV.
 10'

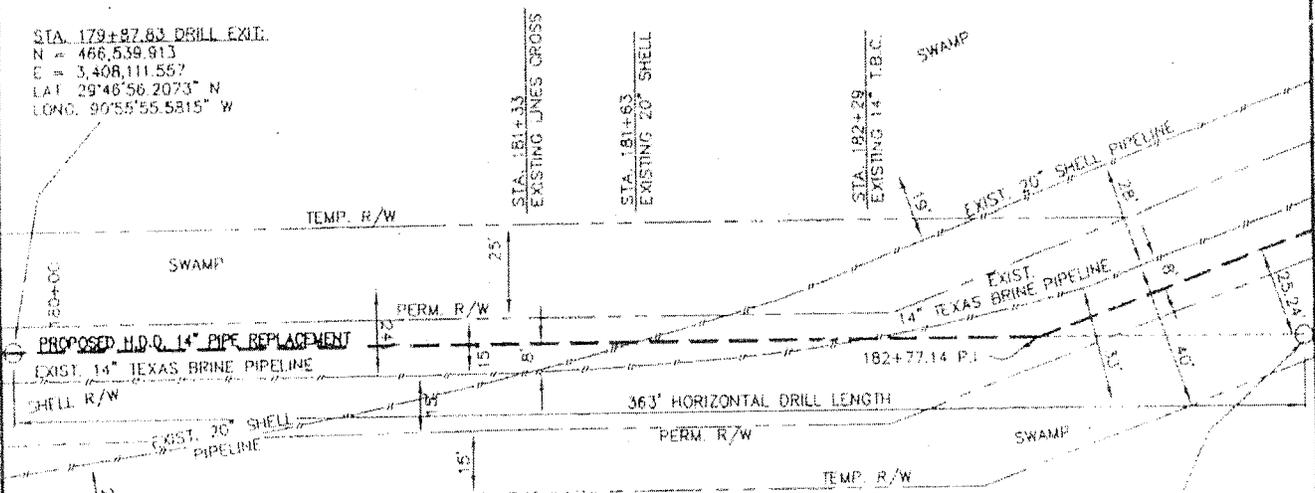


PROFILE

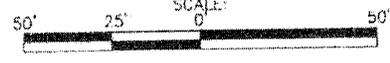


**PROPOSED: 14" PIPELINE REPLACEMENT
 CROSSING: 4" FLORIDA GAS PIPELINE
 (STA. 162+47)
 SITUATED IN: SECTION 55, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 16 OF 23**

STA. 179+87.83 DRILL ENTRY
 N = 466,539.913
 E = 3,408,111.557
 LAT. 29°46'56.2073" N
 LONG. 90°55'55.5815" W



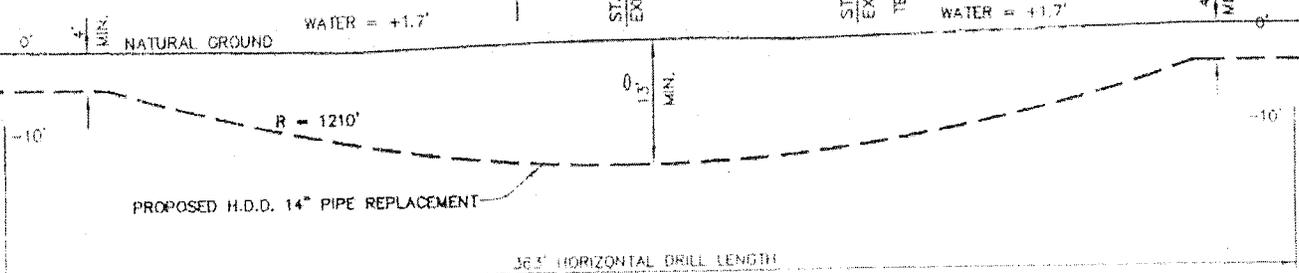
PLAN



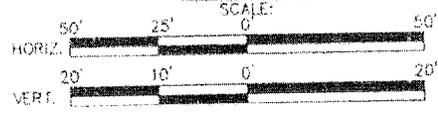
STA. 183+45.97 25.24' RT. DRILL ENTRY
 N = 466,899.000
 E = 3,408,111.023
 LAT. 29°46'59.7622" N
 LONG. 90°55'55.5733" W

N.A.V.D. BB
 ELEV.
 10'

N.A.V.D. 88
 ELEV
 10'



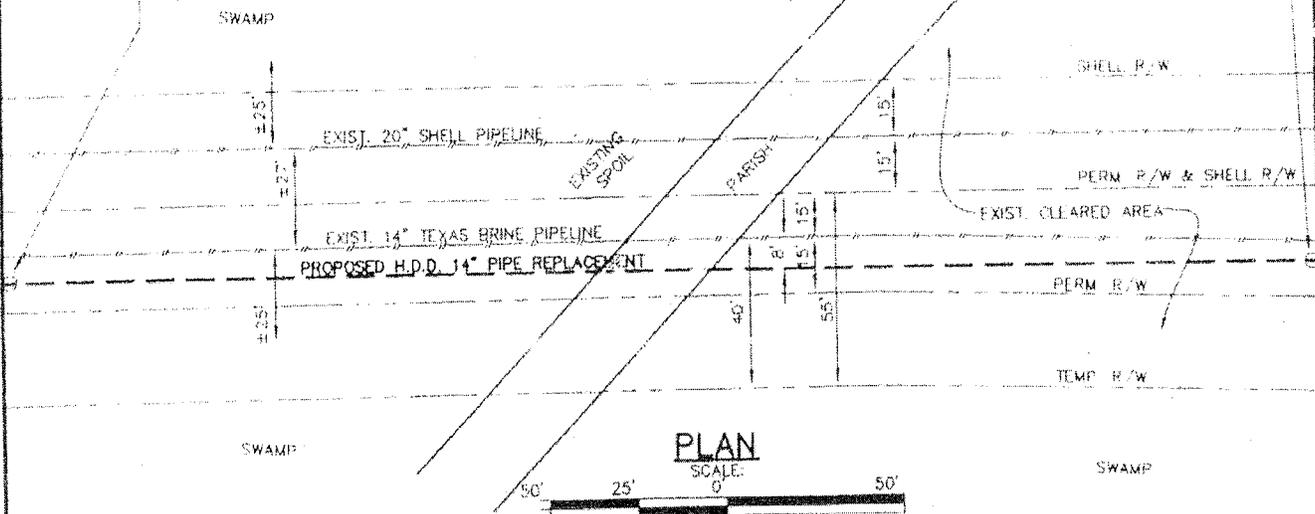
PROFILE



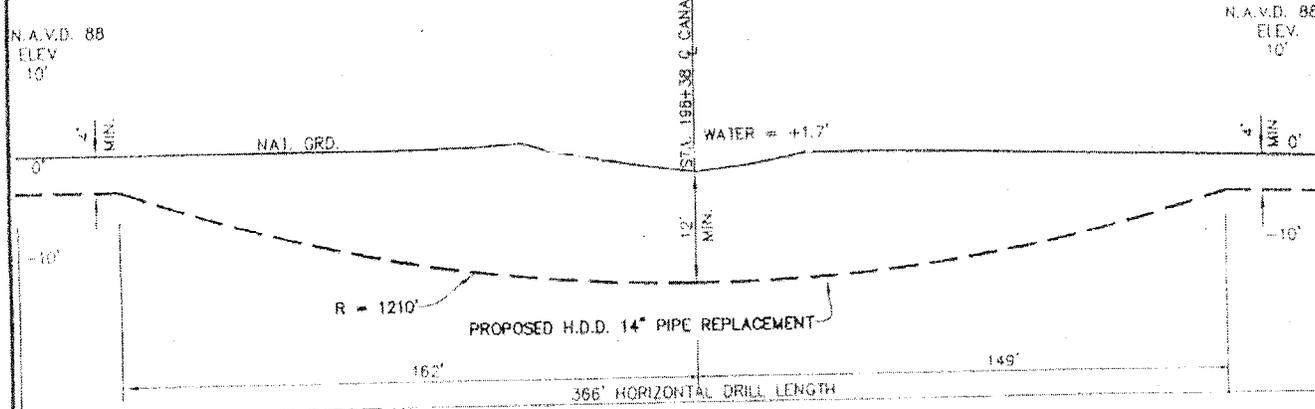
PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: 20" SHELL OIL PIPELINE
 (STA. 182+63)
 SITUATED IN: SECTION 55, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 17 OF 23

STA. 196+51.69 DRILL ENTRY
 N = 468,084.269
 E = 3,407,562.248
 LAT. 29°47'11.5147" N
 LONG. 90°56'01.7542" W

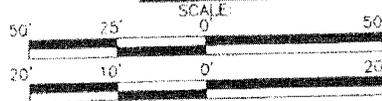
STA. 200+17.68 DRILL EXIT
 N = 468,418.419
 E = 3,407,412.948
 LAT. 29°47'14.8278" N
 LONG. 90°56'03.4354" W



PLAN

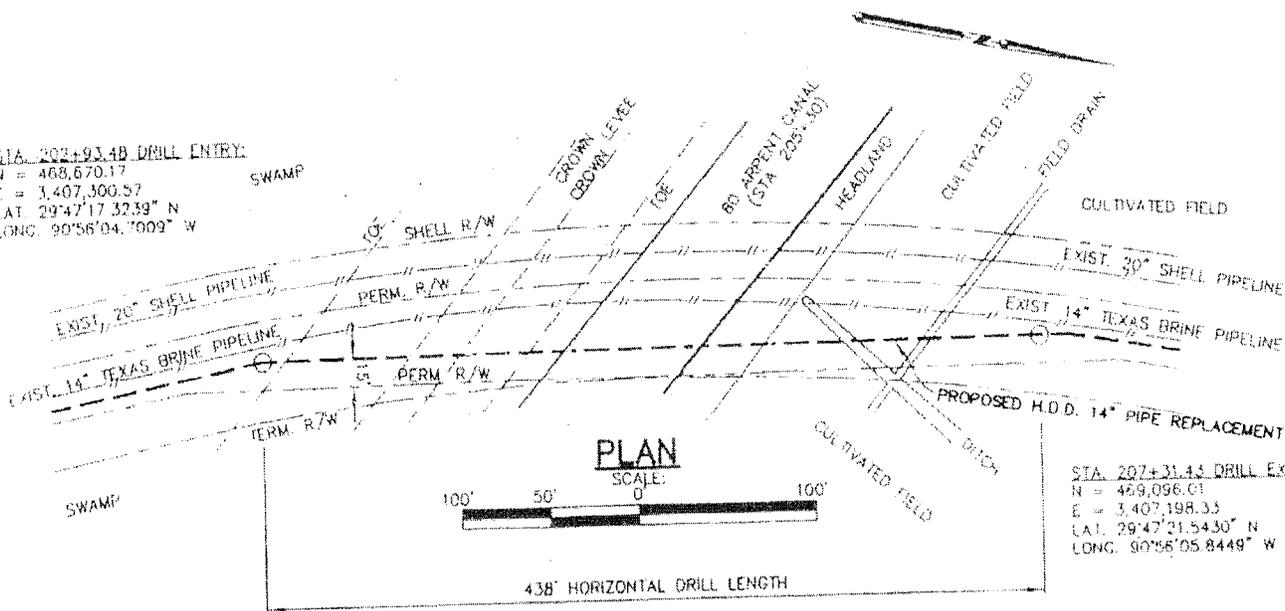


PROFILE



PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: PARISH CANAL
 (STA. 198+38)
 SITUATED IN: SECTION 55, T15S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 18 OF 23

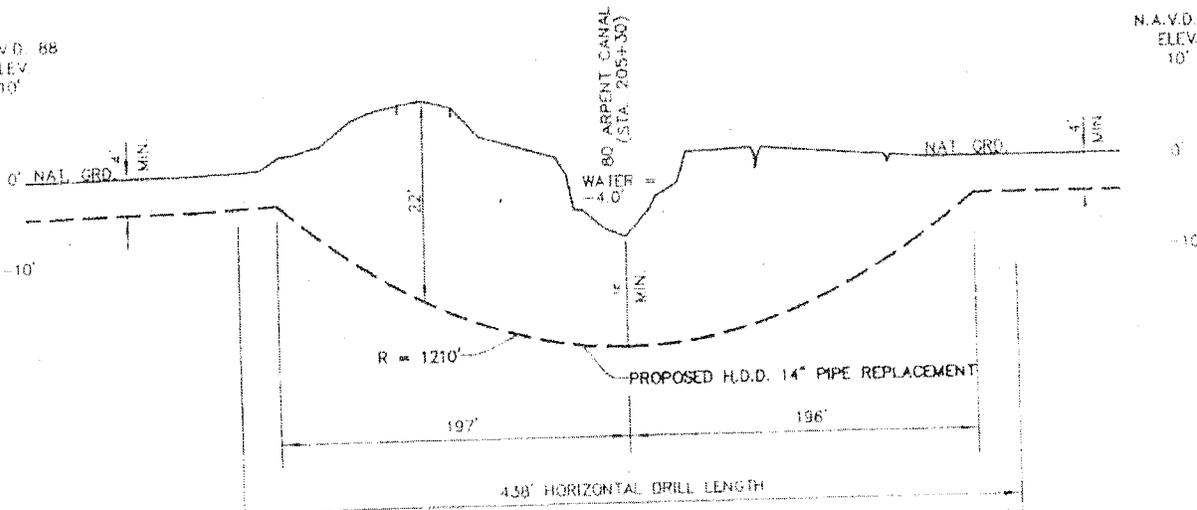
STA. 202+93.48 DRILL ENTRY:
 N = 468,670.17
 E = 3,407,300.57
 LAT. 29°47'17.3239" N
 LONG. 90°56'04.7009" W



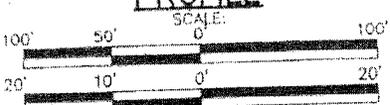
STA. 207+31.45 DRILL EXIT
 N = 469,096.01
 E = 3,407,198.35
 LAT. 29°47'21.5450" N
 LONG. 90°56'05.8449" W

N.A.V.D. 88
 ELEV.
 10'

N.A.V.D. 88
 ELEV.
 10'



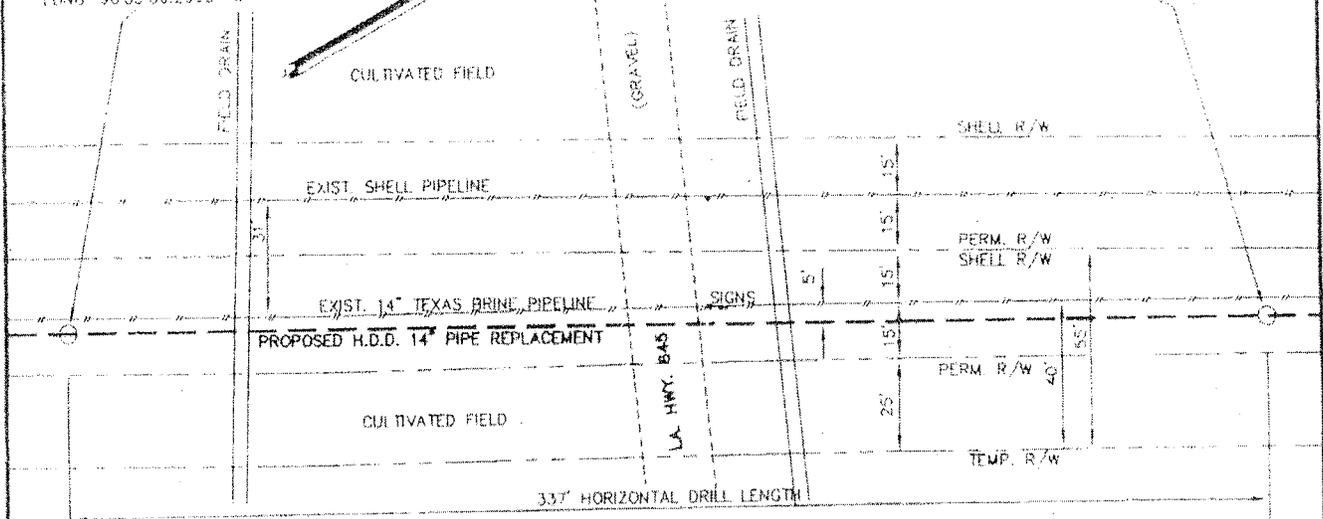
PROFILE



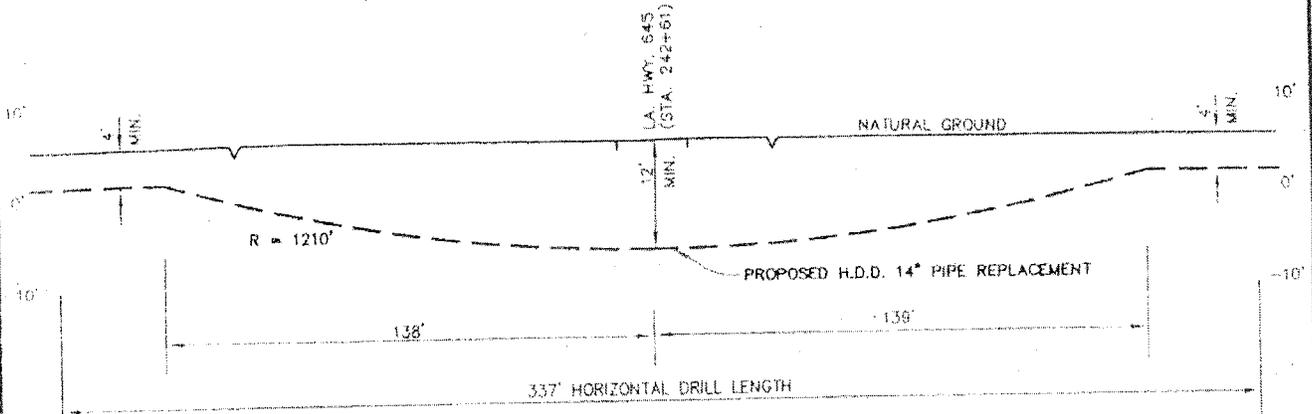
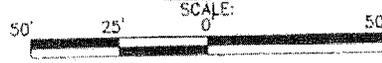
PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: 80 ARPENT CANAL
(STA. 205+30)
SITUATED IN: SECTION 55, T15S-R15E,
LAFORCHE PARISH, LOUISIANA
APPLICATION BY: TEXAS BRINE
CORPORATION, LLC
DATE: FEBRUARY 24, 2014
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STA. 240+93.12 DRILL ENTRY:
 N = 472,124.04
 E = 3,408,557.37
 LAT. 28°47'51.4720" N
 LONG. 90°55'50.2996" W

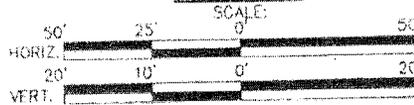
STA. 244+30.30 DRILL EXIT:
 N = 472,419.38
 E = 3,408,720.08
 LAT. 29°47'54.3900" N
 LONG. 90°55'48.4410" W



PLAN



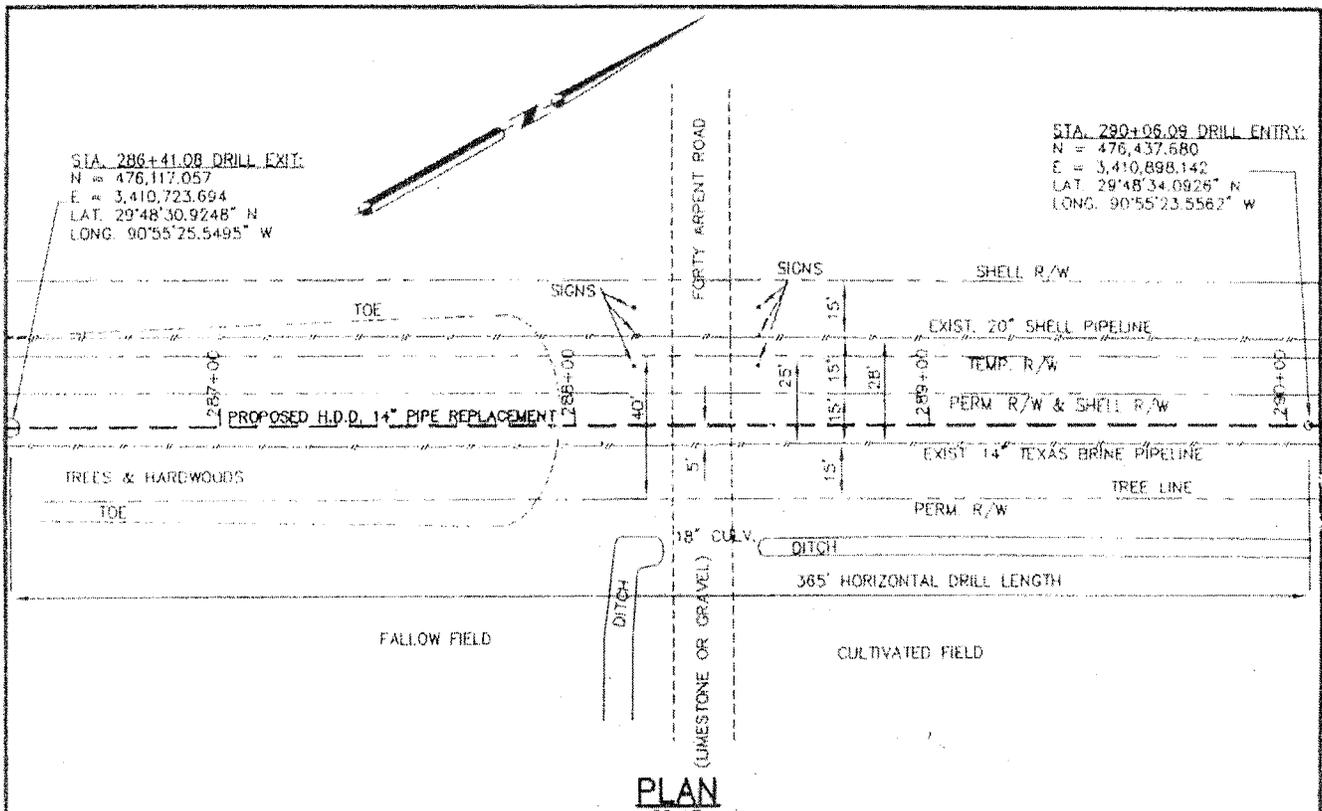
PROFILE



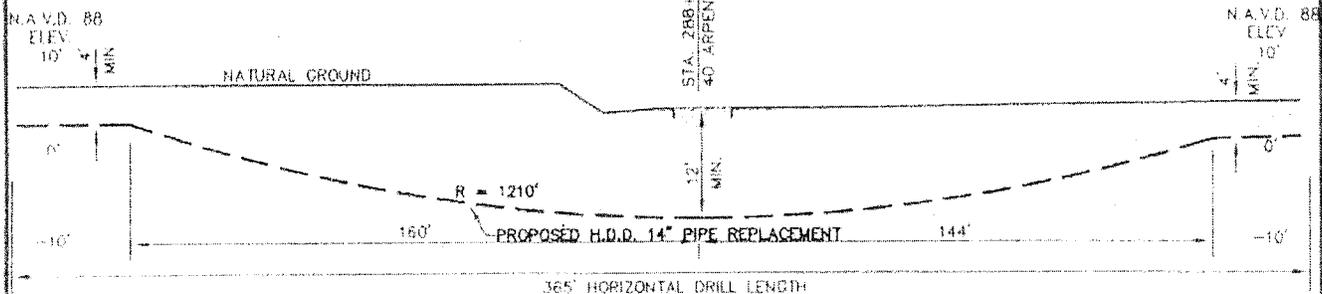
PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: LA. HWY. 645 (60 ARPENT RD.)
(STA. 242+61)
SITUATED IN: SECTION 19, T15S-R15E,
LAFORCHE PARISH, LOUISIANA
APPLICATION BY: TEXAS BRINE
CORPORATION, LLC
DATE: FEBRUARY 24, 2014
SHEET 20 OF 23

STA. 286+41.08 DRILL EXIT:
 N = 476,117.057
 E = 3,410,723.694
 LAT. 29°48'30.9248" N
 LONG. 90°55'25.5495" W

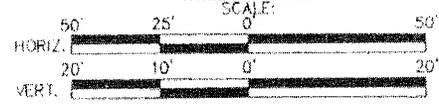
STA. 290+06.09 DRILL ENTRY:
 N = 476,437.680
 E = 3,410,898.142
 LAT. 29°48'34.0926" N
 LONG. 90°55'23.5582" W



PLAN



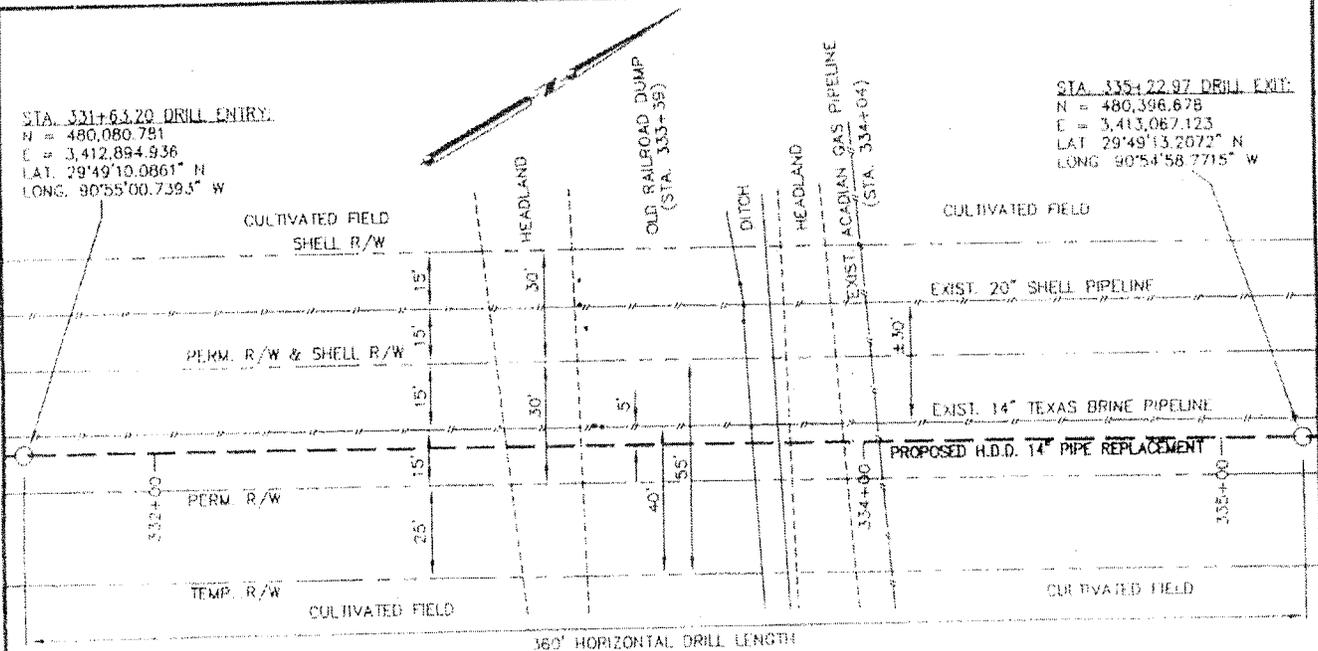
PROFILE



PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: 40 ARPENT ROAD
 (STA. 288+36)
 SITUATED IN: SECTION 33, T14S-R15E,
 LAFORCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 21 OF 23

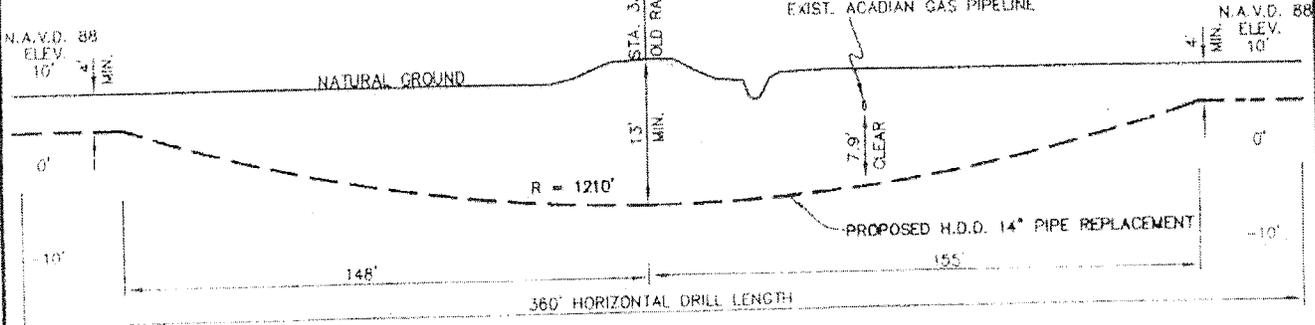
STA. 331+63.20 DRILL ENTRY:
 N = 480,080.791
 E = 3,412,894.936
 LAT. 29°49'10.0861" N
 LONG. 90°55'00.7393" W

STA. 335+22.97 DRILL EXIT:
 N = 480,396.678
 E = 3,413,067.123
 LAT. 29°49'13.2072" N
 LONG. 90°54'58.7715" W



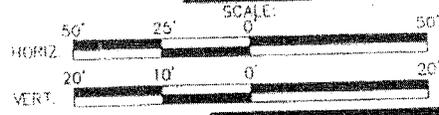
160' HORIZONTAL DRILL LENGTH

PLAN



360' HORIZONTAL DRILL LENGTH

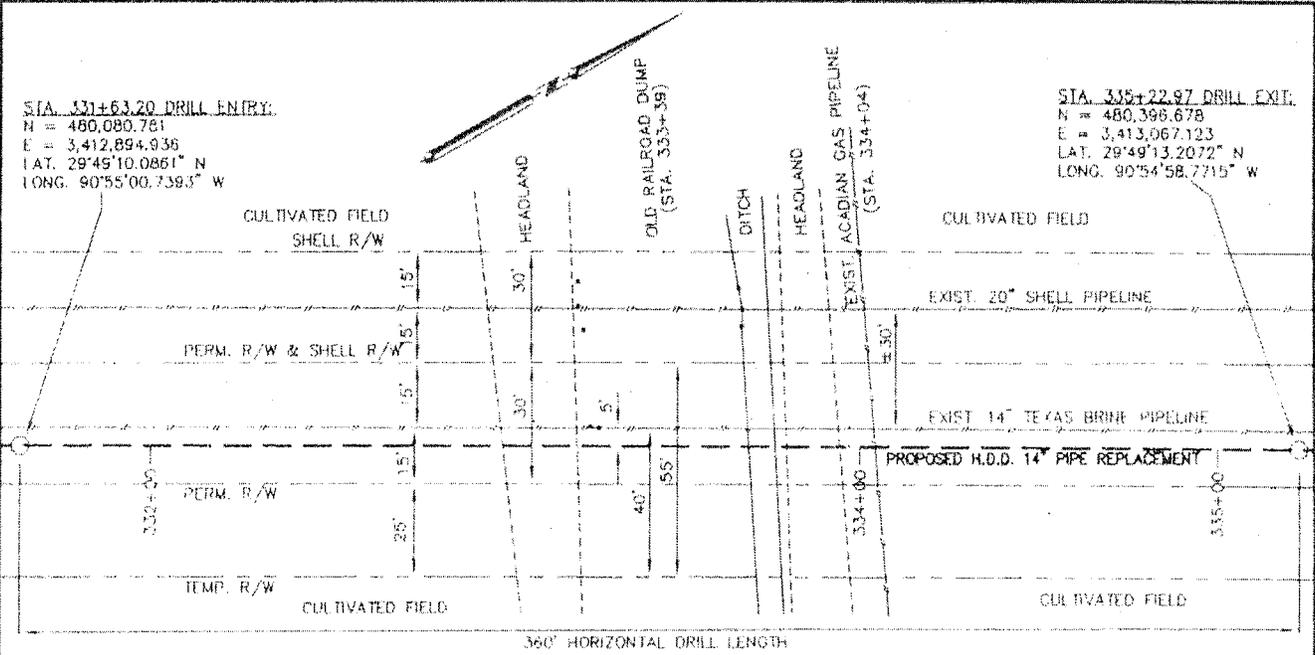
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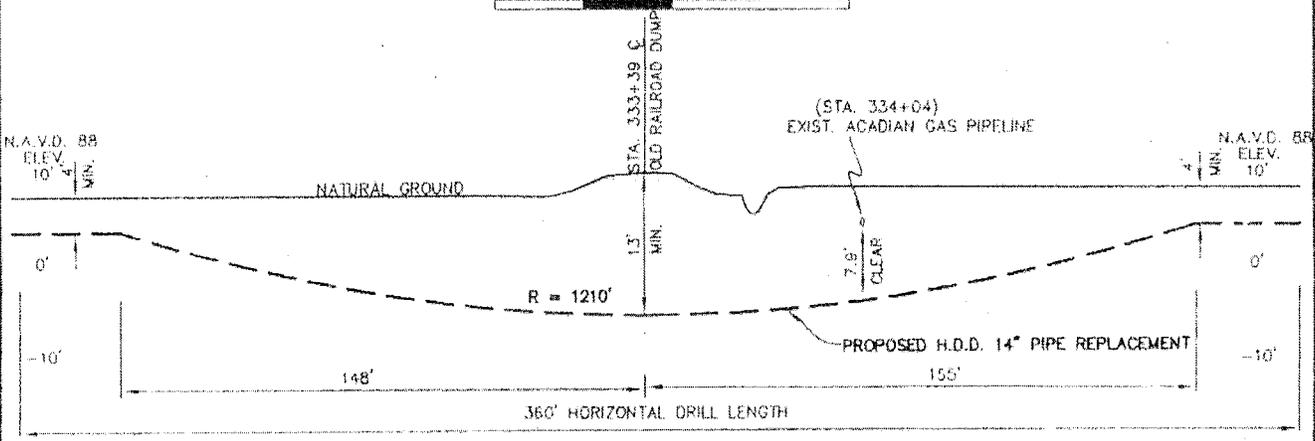
PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: ABANDONED RAILROAD
 (STA. 333+39)
 SITUATED IN: SECTION 33, T14S-R15E,
 LAFOURCHE PARISH, LOUISIANA
 APPLICATION BY: TEXAS BRINE
 CORPORATION, LLC
 DATE: FEBRUARY 24, 2014
 SHEET 22 OF 23

STA. 331+63.20 DRILL ENTRY:
 N = 460,080.761
 E = 3,412,894.936
 LAT. 29°45'10.0861" N
 LONG. 90°55'00.7393" W

STA. 335+22.97 DRILL EXIT:
 N = 460,396.678
 E = 3,413,067.123
 LAT. 29°49'13.2072" N
 LONG. 90°54'58.7715" W



PLAN



PROFILE



PROPOSED: 14" PIPELINE REPLACEMENT
CROSSING: ACADIAN GAS PIPELINE
(STA. 334+04)
SITUATED IN: SECTION 33, T14S-R15E,
LAFOURCHE PARISH, LOUISIANA
APPLICATION BY: TEXAS BRINE
CORPORATION, LLC
DATE: FEBRUARY 24, 2014
SHEET 23 OF 23