

Three (3) copies of the drawings must accompany the utility permit application.

When applicable, the following supplements are also required and shall become a part of this permit: Bridge Attachment, Pipe Data Sheet or Certification for Permit Lighting.

J
Vrz. Calumet
PERMIT NUMBER 03027508
CONTROL 424 SECTION 05

ENTERED IN COMPUTER FILE
9-2-14
INITIAL AND DATE

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
UTILITY PERMIT

(Required by State Law) Rev 5/13

A copy of this permit shall be available at the site where and when work is performed.

Whereas Southern Light LLC
(Print or type name of applicant)

hereinafter termed applicant, requests a permit for the use and occupancy of the right-of-way of State Highway No. US 90

in St. Mary Parish, located as follows:

from: South of W. Atchafalaya Basin Spillwa Lat: 29.69993°N Long: -91.37638°W
to: North of Rataliff Rd. Lat: 29.69960°N Long: -91.37649°W

(in Decimal Degrees, e.g. Lat:-30.459, Long: -91.178)

for the installation, operation and maintenance of the following described project (please summarize and use additional sheets as necessary):

422 ft. of directional boring across Hwy 90 East/West with placement of (1) handhole.

Estimated number of times this facility will be accessed each year after construction has been completed, including meter readings: _____

By signing this permit, applicant/permittee hereby acknowledges receiving a copy of the permit, the general conditions and standards, the Standards for the Installation of Pipelines on State Highways, and the Standards for the Installation of Supply and Communication Lines on State Highways, and agrees to comply with all provisions contained therein and all applicable laws, rules and regulations.

DOTD USE ONLY:

Permit is subject to the following conditions (use additional sheets as necessary):

RECOMMENDED FOR APPROVAL

(Check box if review required)

Andy Richard 8-27-14
District Permit Specialist / Date

(Signed)

Permit must be signed by the owner or lessee of the property.
Contractor may NOT acquire permit

Andru Bramblett 7-23-14
(Owner) (Date)

District Traffic Operation Engineer / Date

(Printed or Typed)

Andru Bramblett
(Name of Person Signing Permit)
Vice President OSP
(Title)

District Administrator (or Designee) / Date
Print Name _____

P.O. Box 2525
(Street or P.O. Box)

Applicant must notify District Permit Specialist at phone number: 251-242-4130 prior to beginning work and after work is completed.

Mobile AL 36652
(City or Town) (State) (Zip Code)

Final inspection and approval by: _____

(251) 445-1048
(Telephone Number)

cweaver@slfiber.com
(E-mail Address)

Issue Date: 8-27-14

Installation to be completed by: 8-27-15
(Date)

DOTD APPROVAL:

Fred 8-28-14
Headquarters Right-of-Way Permit Engineer / Date or

District Administrator (or Designee) / Date

Print Name Teddy Sushur

HEADQUARTERS (original)

pc: DISTRICT

pc: PERMITTEE
Page 1 of 4

Permit Number _____

The following general conditions and standards shall apply:

FIRST: That, the rights and privileges granted herein shall be nonexclusive and shall not be construed to be any broader than those expressly set out in Acts of the Legislature of the State of Louisiana, regardless of the language used in this permit and that any facilities placed on the highway right-of-way shall be placed in accordance with existing laws and the standards of the Department.

SECOND: That, all facilities thereto, after having been erected, shall at all times be subject to inspection and the right is reserved to require such changes, additions, repairs, relocations and removal as may at anytime be considered necessary to permit the relocation, reconstruction, widening and maintaining of the highway and to provide proper and safe protection to life and property on or adjacent to the highway, or in the interest of safety to traffic on the highway and that the cost of making such changes, additions, repairs and relocations shall be borne by the applicant, and that all of the cost of the work to be accomplished under this permit shall be borne by the permittee who agrees to hold the Department harmless therefore.

THIRD: That, the proposed facilities or their operation or their maintenance shall not unreasonably interfere with the facilities or the operation or maintenance of the facilities of other persons, firms or corporations previously issued permits of use and occupancy, and the proposed facilities shall not be dangerous to persons or property using or occupying the highway or using facilities constructed under previously granted permits of use and occupancy; and that the Department's records of prior permits are available, it being the duty of the applicant to determine the existence and location of all facilities within the highway right of way.

FOURTH: That, installations within the highway right-of-way shall be in accordance with applicable provisions contained in the following: AASHTO Guide for Accommodating Utilities within Highway Right of Way, Code of Federal Regulations 23 (CFR 23), National Electrical Safety Code C2, 1996 Federal Telecommunications Act. Those facilities not included in the above mentioned documents shall be in accordance with accepted practice. Where standards of the Department exceed those of the above cited codes, the standards of the Department shall apply. The Department reserves the right to modify its policies as may be required if conditions warrant.

FIFTH: That, data relative to the proposed location, relocation and design of fixtures or appurtenances as may be required by the Department shall be furnished to the Department by the applicant free of cost, and that the applicant shall make any and all changes or additions necessary to make the proposed facilities thereto satisfactory to the Department.

SIXTH: That, cutting and trimming of trees, shrubs, etc., shall be in accordance with the Department's EDSM IV 2.1.6 and Vegetation Manual, as revised.

SEVENTH: That, the applicant agrees to defend, indemnify, and hold harmless the Department and its duly appointed agents and employees from and against any and all claims, suits, liabilities, losses, damages, costs or expenses, including attorneys' fees sustained by reason of the exercise of this permit, whether or not the same may have been caused by the negligence of the Department, its agents or employees, provided, however, that the provisions of this last clause (whether or not the same may have been caused by the negligence of the Department, its agents or employees) shall not apply to any personal injury or property damage caused by the sole negligence of the Department, its agents or employees, unless such sole negligence shall consist or shall have consisted entirely and only of negligence in the granting of a permit or permits.

EIGHTH: That, the applicant is the owner of the facility for which a permit is requested, and is responsible for maintenance of such: and any permit granted by the Department is granted only insofar as the Department had the power and right to grant the same.

NINTH: That, any permit granted by the Department is subject to revocation at any time.

TENTH: That, signing for warning and protection of traffic in instances where workmen, equipment or materials are in close proximity to the roadway surfacing, shall be in accordance with requirements contained in the Department's Manual on Uniform Traffic Control Devices. No vehicles, equipment and/or materials shall operate from, or be parked, stored or stock piled on any highway, median, or in an area extending from the outer edge of the shoulder of the highway on one side to the outer edge of the shoulder of the highway on the opposite side or in the median of any divided highway.

ELEVENTH: That, all provisions and standards contained herein relative to the installation of utilities shall apply to future operation, service and maintenance of utilities.

TWELFTH: That, drainage in highway side and cross ditches must be maintained at all times. The entire highway right of way affected by work under a permit must be restored to as good a condition as existed prior to beginning work to the complete satisfaction of the Department's R/W Permit Engineer.

THIRTEENTH: Any non-metallic or non-conductive underground facility must be installed with a non-corrosive metallic wire or tape placed directly over and on the center of the facility for its entire length within highway right-of-way. Wire or tape must be connected to all facilities.

FOURTEENTH: Prior to performing any excavations, the applicant is required to call Louisiana One Call. If installing any underground facilities such as cable or conduits, the applicant must be a member of Louisiana One Call. In addition, the applicant must contact DOTD at 1-800-259-4929 or DOTD-FiberLocates@la.gov at least 24 hours prior to performing any excavation on DOTD Right-of-way (either for installation or maintenance).

HEADQUARTERS (original)

pc: DISTRICT

pc: PERMITTEE
Page 2 of 4

STANDARDS FOR THE INSTALLATION OF PIPELINES ON STATE HIGHWAYS**A. GENERAL**

- (1) All materials and workmanship shall conform to the requirements of the applicable industry code and to Department specifications.
- (2) All safety precautions for the protection of the traveling public must be observed. Undue delay to traffic will not be tolerated.
- (3) All excavations within the limits of the right-of-way shall be backfilled and tamped in six inch layers to the density of the adjacent undisturbed soil. Where sod is removed or destroyed, it shall be replaced. Where it is necessary to make excavations in the shoulder, the top six inches of backfill shall be sand-clay gravel or equivalent. Where existing spoil material is, at the discretion of the Department, unsuitable for backfill, select material shall be furnished in lieu thereof and the existing material disposed of by approved methods.
- (4) Protruding valves and other above ground appurtenances shall not be installed at any point within the right of way of the highway except for vents, markers, etc., which may be installed at the right-of-way line, unless specifically approved herein.

B. PARALLEL TO THE HIGHWAY (All provisions of general standards to apply.)

- (1) Pipelines paralleling the highway:
 - (a) shall occupy the last few feet of the right-of-way back of the ditch except where upon showing of actual necessity a permit is issued for another location;
 - (b) shall have a minimum earth cover of twenty-four (24) inches;
 - (c) shall have a minimum clearance of twenty-four (24) inches below existing or proposed drainage structures, where possible.
- (2) Utilities paralleling the highway are limited to distribution facilities.

C. CROSSING THE HIGHWAY (All provisions of general standards apply.)

- (1) Uncased pipelines may be permitted, provided the conditions outlined in E.D.S.M. IV 2.1.9 are met.
- (2) If the permittee elects to use casing, it must extend from right-of-way to right-of-way, and be properly vented and marked at or beyond the right-of-way line.
- (3) For cased pipelines, the casing shall have at least four (4) feet of cover below the roadway and two (2) feet of cover below ditches or drainage structures. Uncased pipelines shall have at least five (5) feet and three (3) feet of cover respectively.
- (4) Crossings shall be made at as nearly right angles to the highway as possible. No existing drainage structure under the highway may be used for this purpose.
- (5) Construction methods used shall be in accordance with the following requirements:
 - (a) Cutting the surface or tunneling under it is specifically prohibited.
 - (b) Installation shall be made either by boring or jacking under and through the highway at least from ditch bottom to ditch bottom. In the absence of ditches, or along sections of highway with curb or gutter, boring or jacking shall extend beyond the outside edge of the traveled way to a point at least equal to three (3) times the vertical difference between the elevation of the roadway surfacing and the elevation of the top of the cable. Where width of right-of-way is insufficient to enable compliance with this requirement or where it is necessary to make a connection to an existing parallel facility which precludes compliance, the distance shall be to the right-of-way line or to the parallel facility. Any voids or overbreaks resulting from this shall be backfilled with grout consisting of a cement mortar or slurry of fine sand or clay, as conditions require. Excavating an open ditch to the edge of the pavement and boring and jacking the remainder of the distance is prohibited. Jacking and boring shall be done in accordance with Section 728 of the La. Standard Specifications for Roads and Bridges, latest edition.

D. REMOVAL AND ABANDONMENT OF UTILITY FACILITIES

- (1) All facilities installed within state highway right-of-way shall be removed and disposed of by their owner as soon as they stop serving a useful purpose. Facilities may be abandoned under the following circumstances.
 - (a) Pipelines and casings crossing highways or other hard surfaces may be abandoned in place, with the recommendation of the district utility and permit specialist and the project engineer, and with the approval of the headquarters utility and permit engineer.
 - (b) Pipelines and casings installed along highways, may be abandoned in place, with the recommendation of the district utility and permit specialist and the project engineer, and with the approval of the headquarters utility and permit engineer, provided that they are less than 6 inches in diameter, or that they are buried with more than 8 feet or cover.
 - (c) Electrical and communication facilities installed within a casing, and crossing under highways or other hard surfaces may be abandoned in place with the recommendation of the district utility and permit specialist and the project engineer, and with the approval of the headquarters utility and permit engineer, provided that the cable is removed from the casing.
 - (d) Uncased cables crossing under highways or other hard surfaces may be abandoned in place provided that they are removed to a point as near to the edge of the highway as feasible.

Permit Number _____

- (e) Electrical and communication cables installed along highways may be abandoned in place, with the recommendation of the district utility and permit specialist and the project engineer, and with the approval of the headquarters utility and permit engineer, provided that they are less than 4 inches in diameter, or that they are buried with more than 8 feet of cover.
 - (f) All above ground facilities installed along state highways shall be removed and disposed of by their owner as soon as they stop serving a useful purpose.
 - (g) Facilities that are located so that their removal would be likely to result in damage to the highway, or to other facilities, may be abandoned in place, with the recommendation of the district utility and permit specialist and the project engineer, and with the approval of the headquarters utility and permit engineer. The procedure for abandoning these facilities will be specified on a case-by-case basis; however, in general, sections shall be removed here possible, and all remaining lines shall be filled with grout.
- (2) Where it is not possible nor feasible to remove pipelines and/or casings under existing highways, such pipelines and/or casings may be abandoned in place provided removals shall be accomplished by the owner, as near to the highway on each side as possible and in all cases, beyond existing ditches to right-of-way lines, and further provided that all pipelines and/or casings abandoned under the highway shall be abandoned in accordance with D.O.T. Title 49 (i.e., pipelines are purged, capped, and filled with grout; note that when highway construction will remove the line in the near future, the DOTD's project engineer may approve the use of water in place of grout).
 - (3) Pipelines and cables shall be removed from abandoned casings where possible.
 - (4) In all cases the highway right-of-way shall be repaired, at the permittee's expense, to match DOTD standards. An approved backfill material shall be used to fill in any trenches or low areas, and shall be compacted to the same density as the surrounding soil. Any desirable trees or shrubs that are damaged shall be replaced, and any other damages (i.e. to subsurface drainage, traffic signs, etc.) shall be repaired.
 - (5) Companies who fail to comply with this by leaving their facilities within highway right-of-way after they are no longer used, or by not repairing the right-of-way after removing their facilities, shall not receive any permits until the situation is rectified.
 - (6) In cases where the DOTD decides that it is necessary to remove a facility and/or to repair highway right-of-way damaged by a utility or the utility's facility, the company shall be invoiced for costs to the DOTD for removing abandoned facilities, or for repairing damaged right-of-way. Unpaid invoices shall be referred to DOTD's accounting section for further action.
 - (7) Note that a recommendation for abandonment by the project engineer is required only on construction projects. The district construction engineer should be consulted by the district utility and permit specialist when an abandonment may cause a potential problem with future construction. The assistant district administrator should be consulted by the district utility and permit specialist when an abandonment may cause a potential maintenance problem.
 - (8) The owner of the abandoned facilities shall maintain full responsibility for any future problems caused by the facilities, and shall remove the facilities upon receiving a written request from the DOTD. The cost of removing these facilities shall be borne by the owner and the DOTD shall assume no liability for this cost.

STANDARDS FOR THE INSTALLATION OF SUPPLY AND COMMUNICATION LINES ON STATE HIGHWAYS

- A. All pole lines shall occupy the last few feet of the right-of-way behind the ditch but shall be no further from the right-of-way line than one-half of the width of the cross-arms plus one foot, except where upon a showing of actual necessity a permit is issued for another location.
- B. A minimum vertical clearance of twenty (20) feet shall be maintained between the traveled surface of the highway and any aerial installation. In no case shall the vertical clearance for an overhead utility line be less than the clearance required by the National Electrical Safety Code. A minimum clearance of sixteen (16) feet shall be maintained between existing ground elevation and any aerial installation when such installation is within highway right-of-way but does not cross the traveled surface of a highway.
- C. Where supply and/or communication lines are placed underground, the standards for pipelines shall govern. Underground electric facilities must have at least four (4) feet of cover and must be encased when crossing a highway. These facilities must also be adequately marked by appropriate signs at specified locations.

HEADQUARTERS (original)

pc: DISTRICT

pc: PERMITTEE
Page 4 of 4

030275 08

ABBREVIATIONS

REF #1-3 = REFERENCE 1
 150 = POLE CLASS & HEIGHT
 FOG = FOG LINE
 EOP = EDGE OF PAVEMENT
 EOG = EDGE OF GRAVEL
 C&G = CURB & GUTTER
 ROW = RIGHT OF WAY
ABBREVIATIONS FOR POLE ATTACHMENTS
 PRIM = PRIMARY POWER
 SEC = SECONDARY POWER
 TR = TRIPLEX
 CAV = CABLE TELEVISION
 F.O. = FIBER OPTIC CABLE
 TEL = TELEPHONE
 TRANS = TRANSFORMER
 XAMB = POWER CROSSING ARM
 HT = HOT LINE
 BANG. MOVE TO T7 T7 = MARK NEARBY REQUIRED
 ST.LT. = STREET LIGHT
 YD.LT. = YARD LIGHT

EXISTING UTILITIES

REF #1-3 = REFERENCE 1
 150 = POLE CLASS & HEIGHT
 FOG = FOG LINE
 EOP = EDGE OF PAVEMENT
 EOG = EDGE OF GRAVEL
 C&G = CURB & GUTTER
 ROW = RIGHT OF WAY
ABBREVIATIONS FOR POLE ATTACHMENTS
 PRIM = PRIMARY POWER
 SEC = SECONDARY POWER
 TR = TRIPLEX
 CAV = CABLE TELEVISION
 F.O. = FIBER OPTIC CABLE
 TEL = TELEPHONE
 TRANS = TRANSFORMER
 XAMB = POWER CROSSING ARM
 HT = HOT LINE
 BANG. MOVE TO T7 T7 = MARK NEARBY REQUIRED
 ST.LT. = STREET LIGHT
 YD.LT. = YARD LIGHT

PREVIOUS / NEXT SHEET
 PROPOSED FIBER OR DUCT
 NORTH ARROW
 TREE
 MISC.
 DOOR
 TABLE REFERENCE
 NORTH ARROW
 TREE
 MISC.
 DOOR
 TABLE REFERENCE
 PROPOSED FIBER OR DUCT
 PREVIOUS / NEXT SHEET

UNDERGROUND

TELEPHONE FEDERAL
 STREET LIGHT POLE
 GAS VALVE
 SEWER VALVE
 WATER VALVE
 WATER METER
 GAS METER
 MANHOLE
 GLASSING

UNDERGROUND

EXISTING MANHOLE
 EXISTING MANHOLE
 PLACE MANHOLE
 PLACE MANHOLE

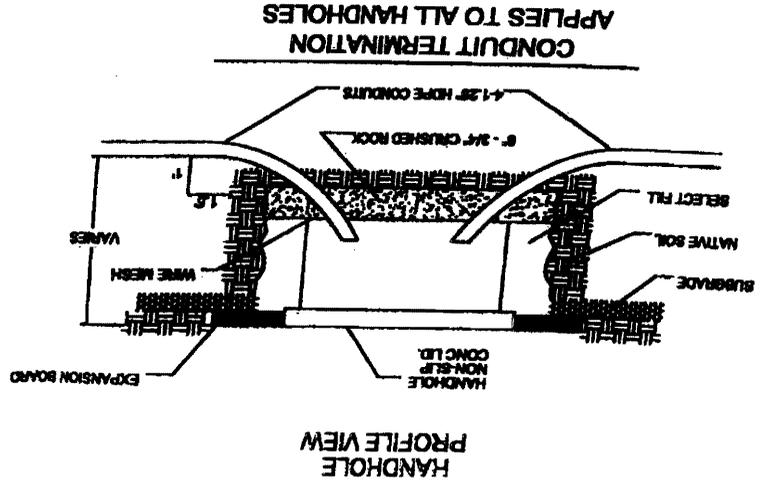
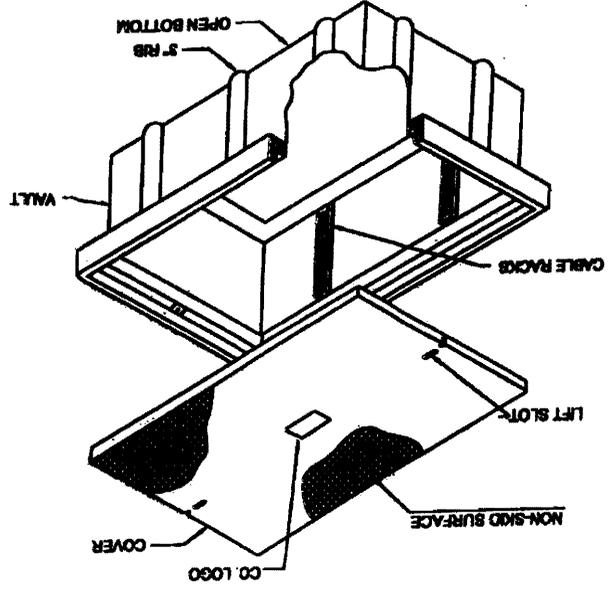
ELECTRIC WEAFT
 TRANSFORMER
 FIRE HYDRANT
 STORAGE TANK
 CUT AND RESTORE CONCRETE / ASPHALT
 STORM DRAIN
 TO MARK TO INDICATE WORK METHOD CHANGE
 CANY M.K.
 PWR M.K.
 SEWER M.K.
 TELEPHONE M.K.

CLVERT

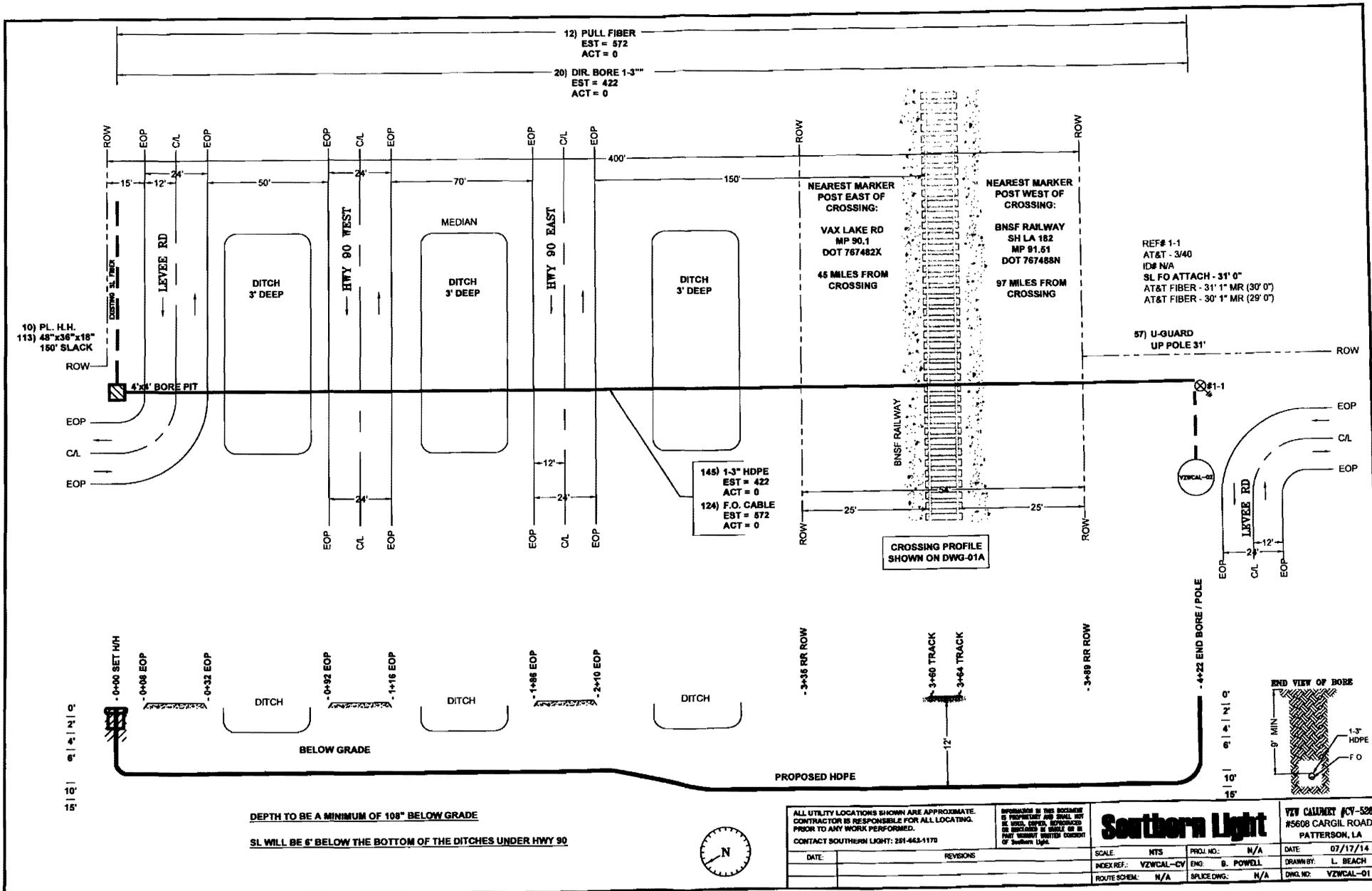
MANHOLE BRICE
 8" & UP NODDING
 EMITTING UTILITIES POLE
 GROUND AT POLE
 PLACE UTILITIES POLE
 PLACE STONE SLACK
 EXISTING STONE SLACK
 MOVE EXISTING STONE SLACK
 FENCE LINE
 SIDEWALK
 LASH TO EXISTING

DATE: 10/23/08	PROJECT: SOUTH BAY LIGHT	SCALE: AS SHOWN	DATE: 10/23/08
DESIGNED BY: [REDACTED]	CHECKED BY: [REDACTED]	APPROVED BY: [REDACTED]	DATE: 10/23/08
ALL UTILITY LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS. ALL UTILITY LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS.			

03087508



- CONDUIT TERMINATION APPLIES TO ALL HANDHOLES
1. PLACE 8" OF 3/4" CRUSHED ROCK OR 2 1/2" PEA GRAVEL IN THE BOTTOM OF THE EXCAVATION.
 2. WIRE MESH (TWO SQUARES PER INCH) SHALL BE PLACED OVER THE ROCK. IT WILL BE NECESSARY TO CUT OPENINGS FOR HOPE IN WIRE MESH.
 3. HANDHOLE WILL BE SET TO MATCH EXISTING SIDEWALK GRADE AND PARALLEL WITH CURB AND STREET.
 4. HOPE CONDUIT SHALL BE PLACED IN THE CORNERS OF HANDHOLE.
 5. TERMINATE THE HOPE CONDUIT A MINIMUM OF SIX (6) INCHES ABOVE THE WIRE MESH.
 6. DO NOT TERMINATE HOPE CONDUIT MORE THAN EIGHT (8) INCHES ABOVE THE WIRE MESH.
 7. A MINIMUM OF TEN (10) FEET OF TRACER SHALL BE IN EACH HANDHOLE.
 8. SELECT FILL WILL BE EITHER FLOWABLE FILL OR CLEAN SAND AS REQUIRED BY CITY INSPECTOR.
 9. FILL SHOULD BE COMPACTED IN 8" LIFTS AS PER CITY ENGINEERING STANDARD SPECIFICATIONS.



0202508

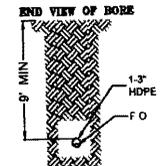
DEPTH TO BE A MINIMUM OF 108" BELOW GRADE
 SL WILL BE 6" BELOW THE BOTTOM OF THE DITCHES UNDER HWY 90



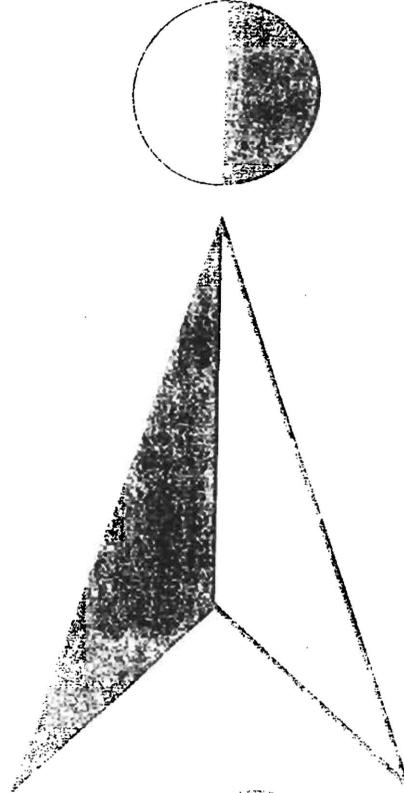
ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
 CONTRACTOR IS RESPONSIBLE FOR ALL LOCATING
 PRIOR TO ANY WORK PERFORMED.
 CONTACT SOUTHERN LIGHT: 251-463-1170

INFORMATION IN THIS DOCUMENT
 IS PROPRIETARY AND SHALL NOT
 BE USED, COPIED, REPRODUCED
 OR DISCLOSED IN WHOLE OR IN
 PART WITHOUT THE WRITTEN CONSENT
 OF Southern Light.

Southern Light		VZV CALLUMET #CV-526 #5608 CARGIL ROAD PATTERSON, LA	
SCALE: NTS	PROJ. NO.: N/A	DATE: 07/17/14	
INDEX REF.: VZWCAL-CV	ENG: B. POWELL	DRAWN BY: L. BEACH	
ROUTE SCHEM: N/A	SPICE DWG: N/A	DWG. NO.: VZWCAL-01	



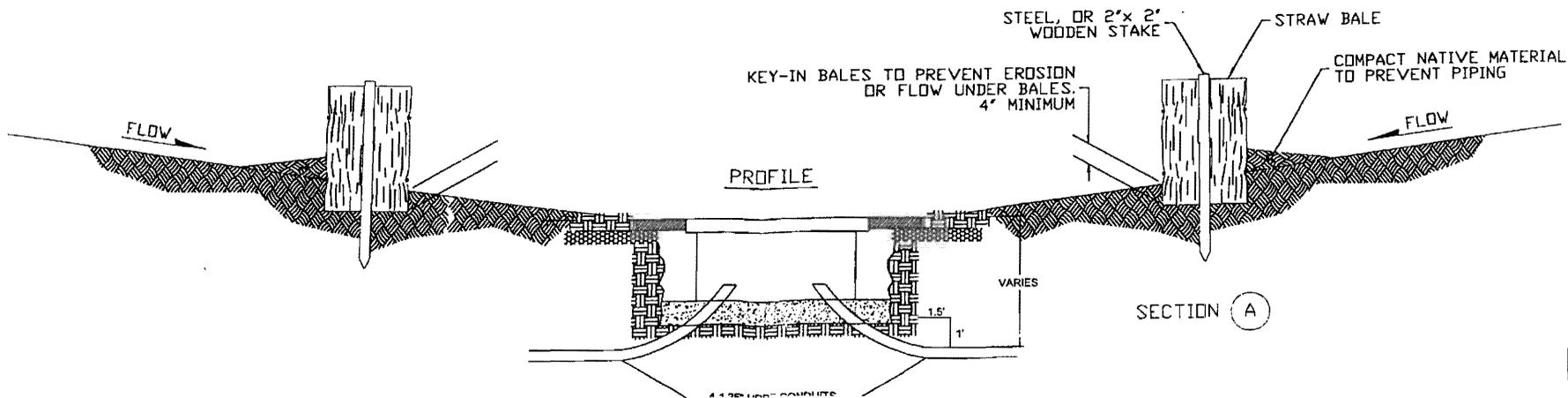
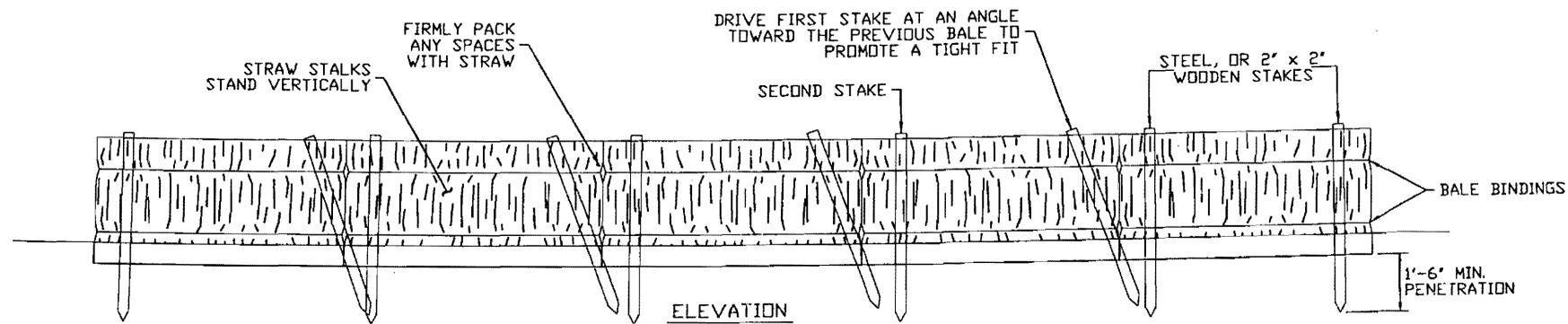
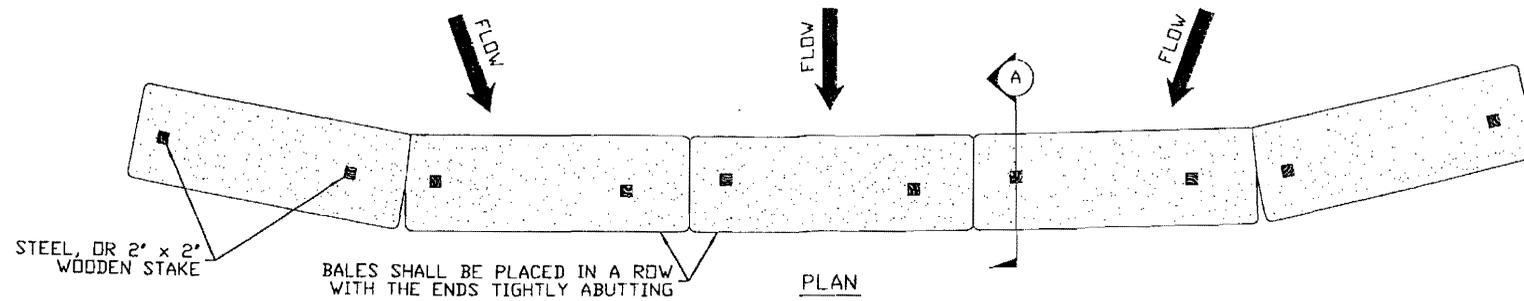
futureproof
fiber



southern
light

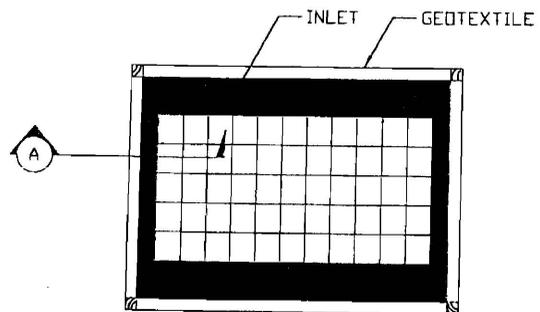
03027508

POSITION CONTROL DEPART

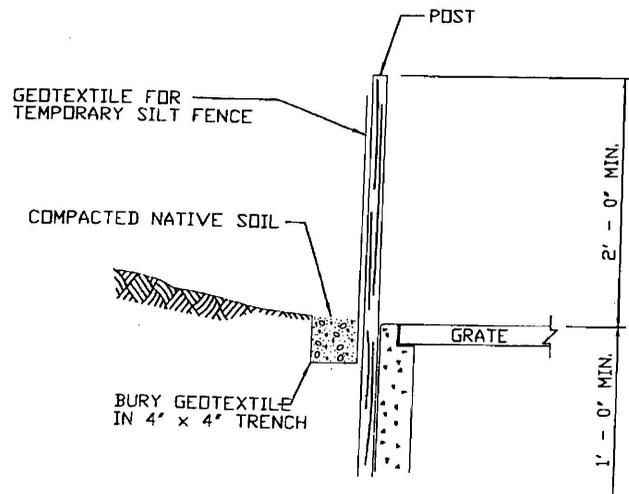


D30a7508

ECP-0



PLAN VIEW
(CROSS BRACES NOT SHOWN)



SECTION A

