



REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT

Fort Bend County
Engineering Department
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☒ Right of Way Permit
☐ Commercial Driveway Permit

Permit No: 2017-11976

Applicant: NextEra Fibernet, LLC/Fibernet Direct Texas LLC

Job Location Site: 2713 1/2 Katy Flewellen Road - Span 310, Katy, TX 77494

Bond No. **Date of Bond:** 7/7/2016 **Amount:** \$50,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 25th day of April, 2017, Upon Motion of Commissioner Myers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

By: Charles O. Ay
for County Engineer

N/A

By:

Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Date Recorded 5-2-2017 Comm. Court No. BA 13V

Clerk of Commissioners Court

By: Ronda Wilkins
Deputy



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytx.gov

- ☒ Right of Way Permit
☐ Commercial Driveway Permit

Permit No: 2017-11976

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
☒ b. Vicinity map showing course of directions
☒ c. Plans and specifications

(2) BOND:

- ☐ County Attorney, approval when applicable.
- ☒ Perpetual bond currently posted. Bond No: Amount: \$50,000.00
- ☐ Performance bond submitted. Bond No: Amount:
- ☐ Cashier's Check Check No: Amount:

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

We have reviewed this project and agree it meets minimum requirements.

Charles O. Ay

Permit Administrator

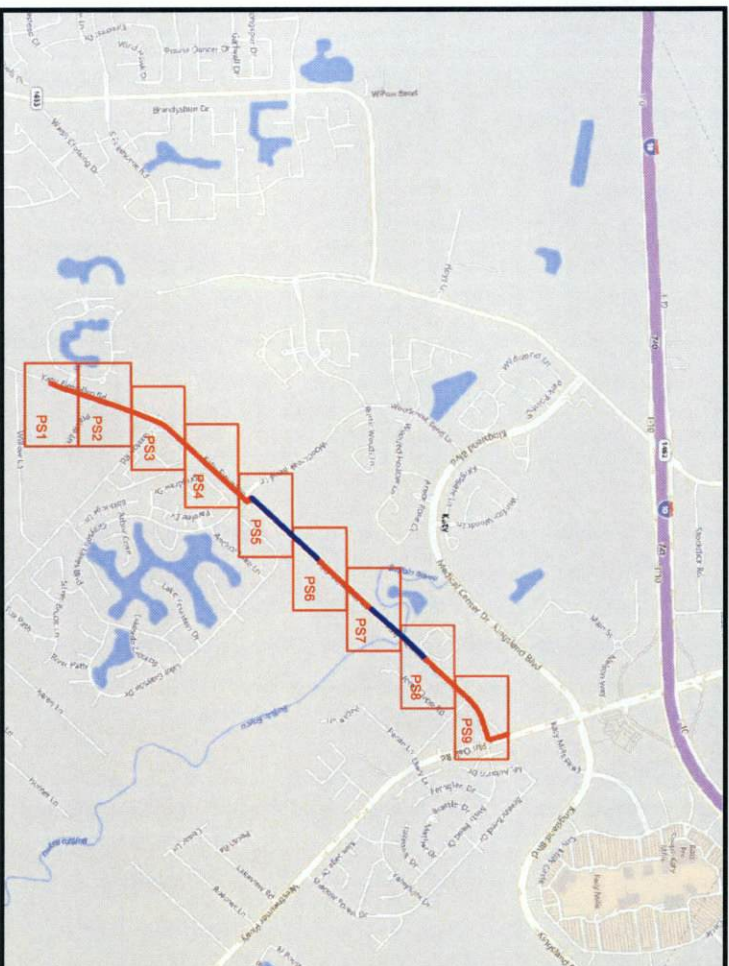
4/17/17

Date

Notice of Construction in Right-of-Way

RING HO 01008A - Span 310

PROPOSED HDPE INNERDUCT AND FIBER TO BE BORED ALONG THE EAST AND WEST R.O.W. OF KATY-FLEWELLEN RD. FROM 2713 1/2 KATY-FLEWELLEN RD. TO PIN OAK RD. AND CONTINUE NORTH ON THE WEST R.O.W. OF PIN OAK RD. TO THE KATY CITY LIMITS LINE.



SITE LOCATION

KEY MAP: 484 F, G, J, K, & N



FORT BEND COUNTY

CARMEN ESCOBAR, CFM

PERMIT ADMINISTRATOR
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

FINAL INSPECTION MAIL TO:

SECTION, MAIL TO

P.O. BOX 1449, ROSENBERG, TX 77471

DRAWING LIST

1. COVER SHEET
2. GENERAL NOTES
3. LEGEND
4. PROJECT SHEET 1
5. PROJECT SHEET 2
6. PROJECT SHEET 3
7. PROJECT SHEET 4
8. PROJECT SHEET 4A (AERIAL IMAGE)
9. PROJECT SHEET 5
10. PROJECT SHEET 5A (AERIAL IMAGE)
11. PROJECT SHEET 6 (AERIAL IMAGE)
12. PROJECT SHEET 7
13. PROJECT SHEET 7A (AERIAL IMAGE)
14. PROJECT SHEET 8 (AERIAL IMAGE)
15. PROJECT SHEET 8A (AERIAL IMAGE)
16. PROJECT SHEET 9
17. PROJECT SHEET 9A (AERIAL IMAGE)
18. PROJECT SHEET 10
19. PROFILE SHEET 1
20. PROFILE SHEET 2
21. PROFILE SHEET 3

DESIGN CONTRACTOR:

Design Co: FIBERCOMM SERVICES

Design: DAWN AUDENSON
Phone#: 713-726-1928

CONTRACTOR NOTE

[illegible]

48 HOURS PRIOR TO CONSTRUCTION CONTACT PLU@BARNET.MANAGEMENT TEAM BY EMAIL NOTIFICATION

LOC: Fort Bend County

Bend County

PMOH / TGT BUILDING ID:

BUILDING ID:

DWG: Fort Bend - HO 0100BA - SPAN 310.dwg

Bend - HO 0100BA - SPAN 310.dwg

DRAWING	DATE	END DESIGN
ORIGINAL	02/02/17	FCS

DATE	END DESIGN
02/02/17	PCS

FGW	09/03/11	FGS
AS-BUILT	N/A	N/A

05/03/17		13
N/A		N/A

FIBERNET

PAGE

OF:
DIRECT
Executive Director

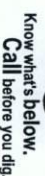
OF: DIRECCI
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GENERAL NOTES:

- | ASBRC | DESCRIPTION |
|--------|---------------------------|
| B.O. | BUILDING OWNED |
| B.O.C. | BUILDING OWNED CONDUIT |
| ECC | EDGE OF CURB |
| EMT | ELECTRIC METALLIC TUBING |
| EOP | EDGE OF PAVEMENT |
| FDP | FIBER DISTRIBUTION PANEL |
| FF | FINISHED FLOOR |
| FMC | FLEXIBLE METALLIC CONDUIT |
| GRC | GALVANIZED RIGID CONDUIT |
| HDRE | HIGH DENSITY POLYETHYLENE |
| HH | HANDHOLE |
| JB | JUNCTION BOX |
| MH | MANHOLE |
| PB | PULLBOX |
| PVC | PROPERTY LINE |
| PL | POLYVINYL CHLORIDE |
| ROW | RIGHT OF WAY |
| SP | SPIECE PANEL |
| STA | STATION |
| SW | SIDEWALK |

COLOR CODE FOR TEMPORARY MARKING OF UNDERGROUND FACILITIES:

RED = ELECTRIC POWERLINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW = GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIAL
ORANGE = COMMUNICATION, ALARM, OR SIGNAL LINES, CABLES, OR CONDUIT
BLUE = POTABLE WATER
GREEN = SEWER AND DRAIN LINES
PURPLE = RECLAIMED WATER, IRRIGATION, AND SLURRY
PINK = TEMPORARY SURVEY MARKINGS
WHITE = PROPOSED EXCAVATION



TITLE: NO 010004 - SPAN 310 - PORT BEND COUNTY FISHING	
LOC: Fort Bend County	
PROJECT / GET BILLING ID: NO 010004 - SPAN 310 - 333	
DATE: 02/08/17	PROJECT: NO 010004 - SPAN 310.dwg
DRAWING: DATE	END DESIGN
ORIGINAL: 02/08/17	FS
Revised: 04/08/17	FS
AS-BUILT: N/A	N/A
 FIBERNET DIRECT <small>FOR FIBER OPTIC NETWORKS</small>	
PAGE: 2	OF: 2

LINE TYPES

TITLE: NO 01000A - SPAN 310 - FORT BRAD COUNTY PRISM LOC: Fort Bragg County	
DRAWING TITLE: BLK BRIDGE 40-401-1232 DRAWN BY: J. L. BROWN DWG. FOLD: Band - NO 01000A - SPAN 310.dwg DATE: 02/02/17 ORIGINAL: 02/02/17 REVISION: 04/03/17 AS-BUILT: N/A	
ENG DESIGN: N/A DESIGNED: N/A CHECKED: N/A IN CHARGE: N/A	
PROJECT: 3 SHEET: 21 OF 21	
PROPRIETARY INFORMATION OF FIBERNET DIRECT 	

HOLLINGSWORTH PINE

2709 KATY FLEMING RD

0400 2709 KATY FLEMING RD
FIREBOLT

30x48x36

/

VERIZON
HANDHOLD

NOZON

7x30x36

SIT

2713 1/2

1000

1

1. ALL PROJECT CONSTRUCTION NOTES, SHOWN IN RED ON THIS PLAN WILL INDICATE BORING THREE 1" HOPE INBOLDS AND ONE FIBER CABLES, UNLESS OTHERWISE INDICATED.

2. ALL HANG HOLES ARE 24" DIA. X 30" (UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLOAK LOOP.

2707 KATY FLEMING RD

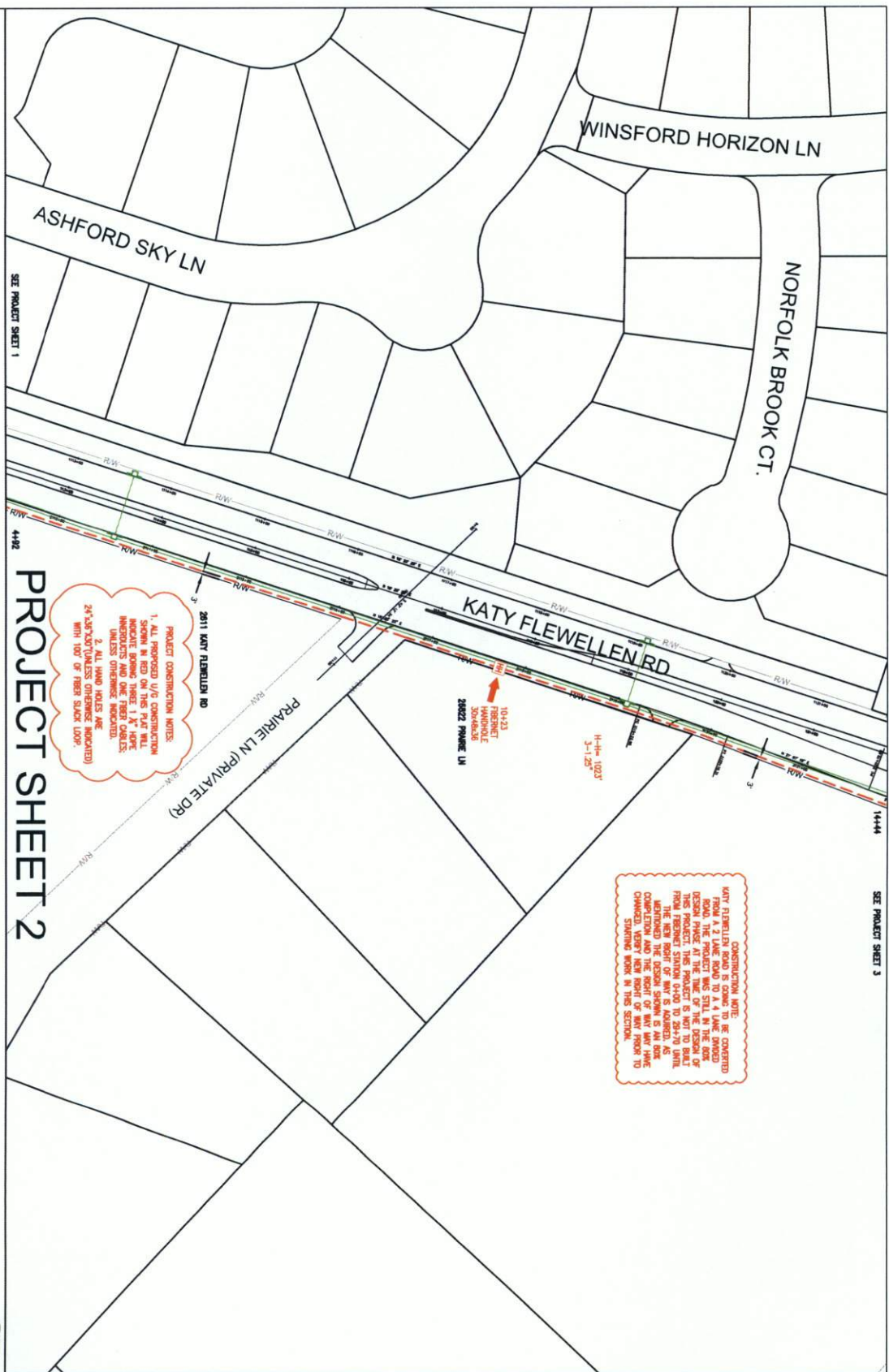
CONSTRUCTION NOTE:
WAY FLEMING ROAD IS GOING TO BE CONVERTED FROM A 2 LANE ROAD TO A 4 LANE DIVIDED ROAD. THE PROJECT WAS STILL IN THE BOX DESIGN PHASE AT THE TIME OF THE DESIGN OF THIS PROJECT. THIS PROJECT IS NOT TO BALI FROM FLEMING STATION 0+00 TO 28+70 UNTIL THE NEW RIGHT OF WAY IS ACQUIRED. AS MENTIONED THE DESIGN SHOWN IS AN BOX COMPLETION AND THE RIGHT OF WAY WAY HAVE CHANGED. VERIFY NEW RIGHT OF WAY PRIOR TO STARTING WORK IN THIS SECTION.

CONSTRUCTION NOTE:
THIS CELL SITE IS SUPPOSED TO BE
A DUAL ENTRY. HOWEVER, AT THE
TIME OF DESIGN ONLY ONE VERZON
HANDHOLE DIGITED THE SECOND
HANDHOLE LOCATION WILL DETERMINE
WHICH FIBERED HANDHOLE WILL
SERVE WHICH VERZON HANDHOLE.
THE LATERALS FROM FIBERNET
SHOULD NOT CROSS TO SERVICE THE
VERZON SITE.

PROJECT SHEET 1



FIBERNET DIRECT <small>RENEWABLE ENERGY</small>		PAGE: 4 OF: 21
PROPRIETARY INFORMATION OF FIBERNET DIRECT		



PROJECT SHEET 2

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL INDICATE BRONZE THREE 1" X HAVE BRONZE AND ONE FIBER OPTICS, BRONZE AND ONE FIBER OPTICS, BRONZE AND ONE FIBER OPTICS, BRONZE AND ONE FIBER OPTICS.
2. ALL HAND NOTES ARE 24" X 36" (MINIMUM) (DIMENSIONS INDICATED) WITH 100' OF FIBER SLACK LOOP.

KATY FLEWELLEN ROAD IS LOCATED TO BE CONVERTED FROM A 2 LANE ROAD TO A 4 LANE DIVIDED ROAD. THE PROJECT WAS SET IN THE CORNER OF THE ROAD TO BE CONVERTED. THIS PROJECT IS NOT TO BEAD FROM FIBERNET STATION 0+00 TO 28+70 UNTIL THE NEW RIGHT OF WAY IS ADDED. AS THE NEW RIGHT OF WAY IS ADDED, THE RIGHT OF WAY AND THE RIGHT OF WAY HAVE CHANGED. VERY NEW RIGHT OF WAY FROM TO STARTING WORK IN THIS SECTION.

Call before you dig

SCALE 1"=100'

TITLE: NO DROW - SPAN 310 - FORT BEND COUNTY FPMUT	
LOC: Fort Bend County	
PROJECT NO: 2020-001	
DATE: 02/02/21	
DESIGNER: FIBERNET DIRECT	
AS-BUILT: N/A	
PAGE: 5	OF: 21

2234 KATY FLEWELLEN RD

2424 KATY FLEWELLEN RD

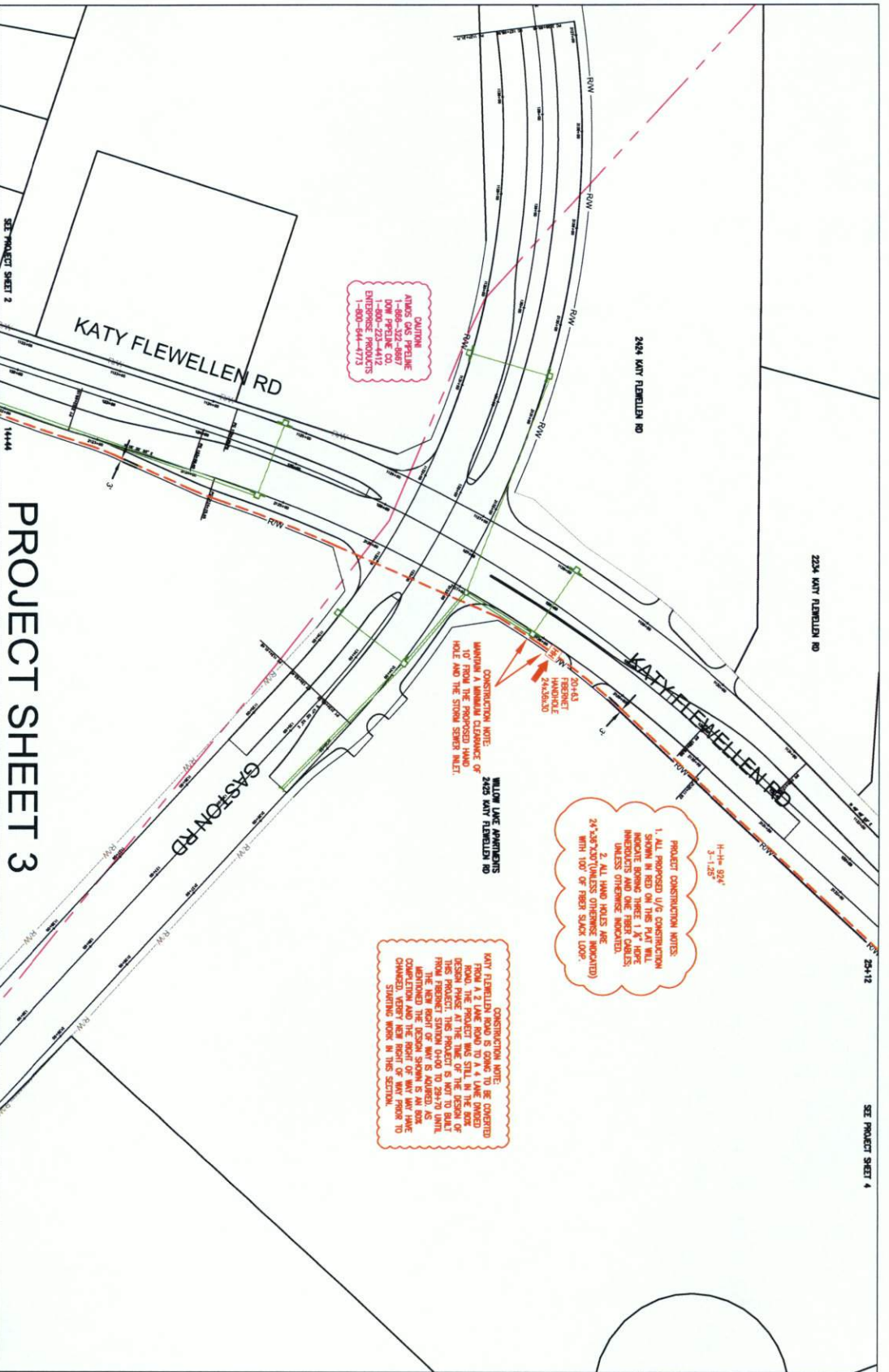
H-10-524'
S-1-123'

PROJECT CONSTRUCTION NOTES:
1. ALL PROPOSED U/C CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL INDICATE BONDING THREE (3) "H" PIPE, INVERTS AND ONE (1) "H" CHAIN, UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24" DIA. (CONCRETE PIPE) UNLESS OTHERWISE INDICATED.
MIN. 18" OF FIBER SLACK (LOOP).

CONSTRUCTION NOTE:
WARNING: AVOIDANCE OF HOLE AND THE STORM SEWER INLET.

CAUTION:
ALWAYS USE PRELIM DOW PRISME CO. 1-800-223-4412 ENTERPRISE PRODUCTS 1-800-244-4773

CONSTRUCTION NOTE:
KATY FLEWELLEN ROAD IS GOING TO BE CONVERTED TO A TWO LANE ROAD WITH A 10' WIDE SHOULDER. THE PROJECT WAS STILL IN THE EARLY DESIGN PHASE AT THE TIME OF THE DESIGN OF THIS PROJECT. THE PROJECT IS NOT TO BEALIGNED WITH THE EXISTING ROAD. THE NEW RIGHT OF WAY IS ADAPTED AS SHOWN. THE DESIGN SHOWN IS AN ADAPTED VERSION OF THE EXISTING ROAD. THE NEW RIGHT OF WAY IS ADAPTED AS SHOWN. THE DESIGN SHOWN IS AN ADAPTED VERSION OF THE EXISTING ROAD.



PROJECT SHEET 3

811
Call before you dig

PROPRIETARY INFORMATION OF FIBERNET DIRECT

PROJECT NO.	2424 KATY FLEWELLEN RD
DATE	02/02/17
DESIGNER	NS
CONTRACT NO.	2424 KATY FLEWELLEN RD
CONTRACT DATE	02/02/17
CONTRACT VALUE	N/A
CONTRACT TYPE	N/A
CONTRACT STATUS	N/A
CONTRACT DESCRIPTION	N/A
CONTRACT LOCATION	N/A
CONTRACT CONTACT	N/A
CONTRACT PHONE	N/A
CONTRACT FAX	N/A
CONTRACT EMAIL	N/A
CONTRACT WEBSITE	N/A
CONTRACT ADDRESS	N/A
CONTRACT CITY	N/A
CONTRACT STATE	N/A
CONTRACT ZIP	N/A
CONTRACT COUNTY	N/A
CONTRACT COUNTRY	N/A

MY PLACE LEARNING
CENTER
2212 KATY FLEMELLEN RD

**AFFORDABLE STORAGE
2218 KATY FLEWELLEN RD**

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL INDICATE BORING THREE 1.1" HOLE IMMEDIATELY AND ONE FIBER CABLE, UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24"x36"x20" (UNLESS OTHERWISE INDICATED) WITH 180° OF FIBER SLOTTED LOOP.

CONSTRUCTION NOTE:
WAY FLEMING ROAD IS GOING TO BE CONVERTED FROM A 2 LANE ROAD TO A 4 LANE DIVIDED ROAD. THE PROJECT WAS STILL IN THE BIDS DESIGN PHASE AT THE TIME OF THE DESIGN OF THIS PROJECT. THIS PROJECT IS NOT TO BLAT FROM FLEMING STATION 0+00 TO 28+70 UNTIL THE NEW RIGHT OF WAY IS ACQUIRED. AS INDICATED THE DESIGN SHOWN IS AN ROSS COMPLETION AND THE RIGHT OF WAY MAY HAVE CHANGED VERTICALLY NEAR RIGHT OF WAY PRIOR TO STARTING WORK IN THIS SECTION.

PROJECT SHEET 4

25+12 SEE PROJECT SHEET 3

2232 KATY FLEWELLEN RD

22226 KATY FLEMING RD

22222 KATY FLEWELLEN RD



22222 KATY FLEMING RD

KATY FLEWELLEN RD

LONGDRAW LN

DORMAN CT

Know what's below.
Call before you dig.

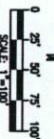
		PAGE: 7 OF: 21	
PROPRIETARY INFORMATION OF FIBERNET DIRECT			

PROJECT SHEET 4A - AERIAL IMAGE
FOR REFERENCE ONLY

CONSTRUCTION MODEL
LATELY LABELLED ROAD IS GOING TO BE CONVERTED FROM A 2 LANE ROAD TO A 4 LANE DIVIDED ROAD. THE PROJECT WAS STILL IN THE BOX DESIGN PHASE AT THE TIME OF THE DESIGN OF THIS PROJECT. THIS PROJECT IS NOT TO BUILD FROM FIBERST STATION 0+00 TO 2+47+0 UNTIL THE NEW RIGHT OF WAY IS ACQUIRED. AS MENTIONED THE DESIGN SHOWN IS AN BOX COMPLETION AND THE RIGHT OF WAY MAY HAVE CHANGED. VERIFY NEW RIGHT OF WAY PRIOR TO SITTING WORK IN THIS SECTION.

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL INDICATE BORING THREE 1" HOPE INEEDUCTS AND ONE FIBER CABLE, UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24" DIA (UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.



TITLE: NO 000004 - SPAN 310 - PORT AND COUNTY FIBERNET	
Loc: Fort Bend County	
PROJECT/ACT BILL CODES TO:	
DEBENT FIBERNET 435-481-1932	SPAN 310.dwg
DATE: Fort Bend - NO 000004 -	SPAN 310.dwg
DRAWING	DATE
ORIGINAL	02/02/17
Revised	04/03/17
AS-BUILT	N/A
	
PAGE: 8	OF: 21
PROPRIETARY INFORMATION OF FIBERNET DIRECT	

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/L'S CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INCLUDE BORING THREE 1" X 10" HOLE IMMEDIATELY AND ONE FIBER CABLE 24"x36"x2' WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.
2. ALL PROPOSED JUNKY CONSTRUCTION SHALL BE REMOVED AND RECONSTRUCTED TO MEET ALL CITY REQUIREMENTS.
3. ALL PROPOSED ONE STAMP AND FIBER CABLE PLACED ON EXISTING CONCRETEMENT POLES AT A MINIMUM HEIGHT OF 18' OVER ANY OBSTRUCTIONS AND PARALLEL TO THE ROAD.



PROJECT SHEET 5

811
Call before you dig

PROJECT: FORT BEND COUNTY
PROJECT NO: 2024-01-2332
DRAWING: 1
DATE: 02/02/24
DESIGNER: RFS
ASSEMBLER: N/A

PAGE: 9
OF: 21

PROPRIETARY INFORMATION OF FIBERNET DIRECT

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/L CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B.
2. ALL PROPOSED HAND HOLES ARE 24"x36"x20" WITH 100' OF FIBER SLACK COIL, UNLESS OTHERWISE INDICATED.
3. ALL PROPOSED AERIAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B.
4. ALL PROPOSED PIPES SHALL BE PLACED ON EXISTING CENTERLINE POLES AT A MINIMUM HEIGHT OF 18' OVER ANY TRAFFIC ROADS AND 13.5' OVER ANY SIDEWALKS AND PROWALKS TO THE ROAD.

POLE NO. 1
ATTACHMENT 21-09"

POLE NO. 2
ATTACHMENT 15-11"

POLE NO. 3
ATTACHMENT 21-09"

POLE NO. 4
ATTACHMENT 15-11"

WOODCREEK JUNIOR HIGH
1801 WOODCREEK BLVD

WOODCREEK BEND LN

KATY FLEWELLEN RD

LAKE GRAYSON DR

GRAYSON LAKES BLVD

LEGEND:

- POLE NO. 1
- POLE NO. 2
- POLE NO. 3
- POLE NO. 4

ATTACHMENT 21-09"

ATTACHMENT 15-11"

SEE PROJECT SHEET 1

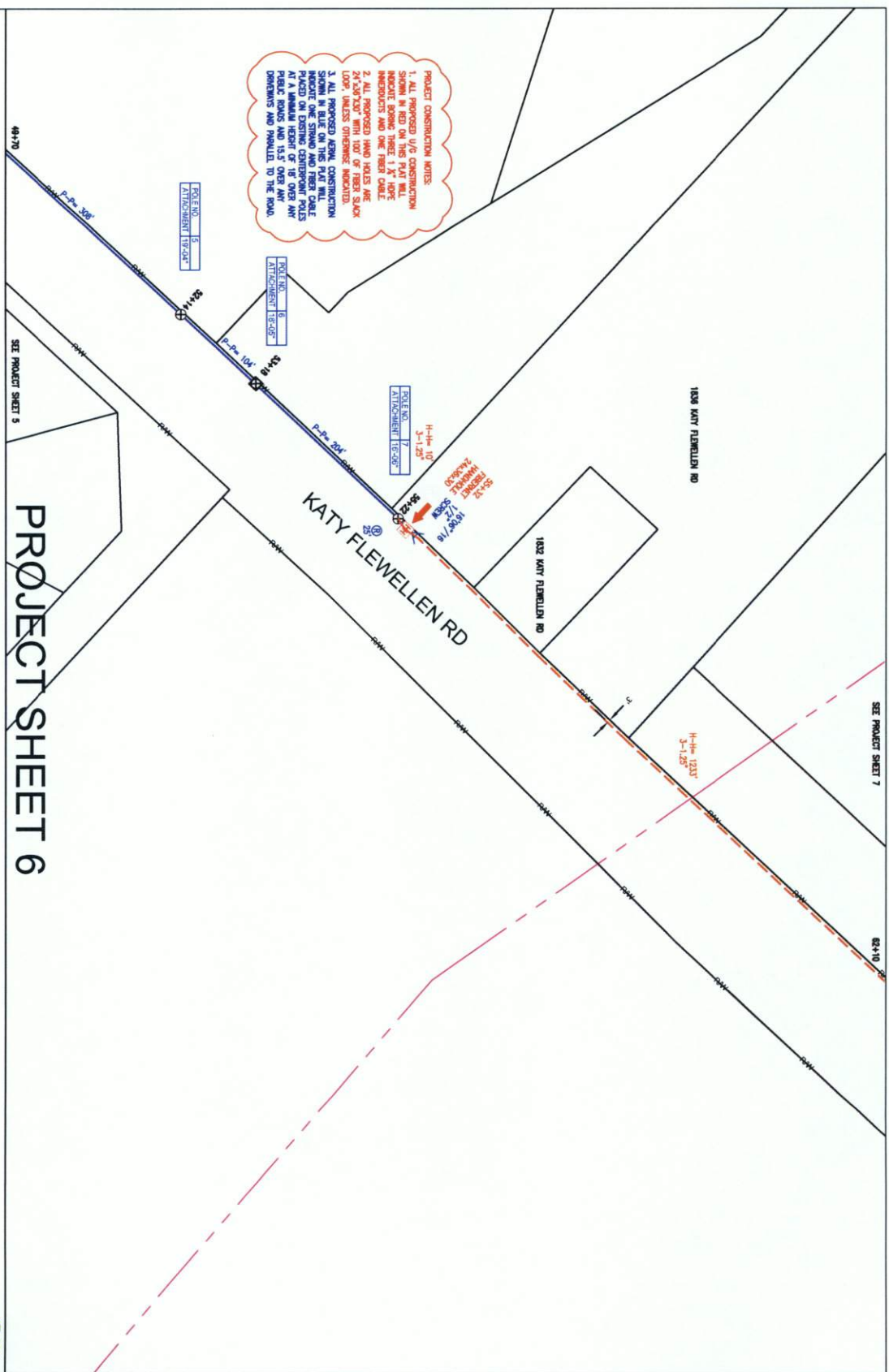
SEE PROJECT SHEET 2

**PROJECT SHEET 5A - AERIAL IMAGE
FOR REFERENCE ONLY**

TITLE: Fort Bend County		PROJECT: FCB BUILDINGS BY	
SHEET: 00000A - SPAN 310 - PORT BEND COUNTY RESIST		DRAWING: 00000A - SPAN 310.dwg	
DATE: 02/08/12		DATE: 02/08/12	
DRAWING: 02/08/12		DATE: 02/08/12	
ORIGINAL: 02/08/12		DATE: 02/08/12	
REVISION: N/A		DATE: N/A	
AS-BUILT: N/A		DATE: N/A	
PAGE: 10		PAGE: 10	
OF: 21		OF: 21	

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL BE INSTALLED IN THE EXISTING 12" DIA. CONCRETE PIPE. THE EXISTING PIPE SHALL BE REPAIRED OR REPLACED WITH 12" DIA. CONCRETE PIPE. THE EXISTING PIPE SHALL BE REPAIRED OR REPLACED WITH 12" DIA. CONCRETE PIPE.
2. ALL PROPOSED HAND HOLES ARE 24"x36" WITH 100' OF FIBER SLOPE LOOP, UNLESS OTHERWISE INDICATED.
3. ALL PROPOSED AERIAL CONSTRUCTION SHOWN IN BLUE ON THIS PLAN WILL BE INSTALLED IN THE EXISTING 12" DIA. CONCRETE PIPE. THE EXISTING PIPE SHALL BE REPAIRED OR REPLACED WITH 12" DIA. CONCRETE PIPE. THE EXISTING PIPE SHALL BE REPAIRED OR REPLACED WITH 12" DIA. CONCRETE PIPE.



PROJECT SHEET 6



811 Calling ahead helps you dig. Call before you dig.	
TITLE: HO 0100A - SPAN 310 - TOWT ROAD COUNTY PERMIT	
LOC: Fort Bend County	
PROJECT: FORT BEND COUNTY - HO 0100A - SPAN 310-48 - 310-49	
DRIVER: Fort Bend - HO 0100A - SPAN 310-48	
DRAWING:	DATE: 02/02/17
DESIGNED:	CHKD:
AS-BUILT:	DATE:
PAGE: 11	
OF: 21	



PROPRIETARY INFORMATION OF FIBERNET DIRECT

[illegible]

POLE NO.	5
ATTACHMENT	19-04

POLE NO.	6
ATTACHMENT	18-05

POLE NO.	7
ATTACHMENT	16-06*

NOTE: EXISTING PARCELS & RIGHT OF WAY ARE BASED ON F.B.G.A.D. GIS MAP. AERIAL IMAGES ARE FROM BING MAPS. THE AERIAL IMAGE WITH THE DESIGN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY THE ROAD RIGHT OF WAY AND EASEMENTS PRIOR TO COMMENCING WORK.



- PROJECT CONSTRUCTION NOTES:**
1. ALL PROPOSED U/L CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL INCLUDE BORING THREE 1" X 1" WIRE RODS, AND ONE FIBER CABLE, 24" X 12" WITH 10' OF TIEB SLACK LOOP, UNLESS OTHERWISE INDICATED.
 2. ALL PROPOSED U/L CONSTRUCTION SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING:
 - a. ALL PROPOSED U/L SHALL BE PLACED ON EXISTING CENTERPOINT POLES AT A MINIMUM HEIGHT OF 18' OVER ANY POWER LINES AND 15' OVER ANY OBSTACLES AND PARALLEL TO THE ROAD.

POLE NO. 10
ATTACHMENT 17-207

POLE NO. 9
ATTACHMENT 17-207

POLE NO. 8
ATTACHMENT 17-207

KATY FLEWELLEN RD

1719 KATY FLEWELLEN RD

PROJECT SHEET 7



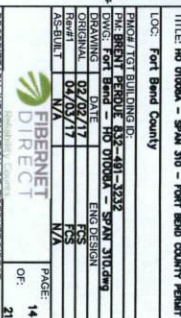
811
Call before you dig

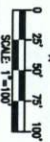
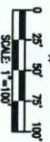
PROJECT INFORMATION OF FIBERNET DIRECT

PROJECT NO.	SP-AM 310 - FORT BEND COUNTY PERMIT
LOC.	Fort Bend County
PROJECT NO.	SP-AM 310
DATE	02/02/17
DESIGNER	END DESIGN
REVIEW	CS
ASSEMBLY	N/A
PAGE	13
OF	21



**PROJECT SHEET 7A - AERIAL IMAGE
FOR REFERENCE ONLY**

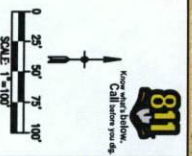




PROJECT: FORT BEND COUNTY		DATE: 08/28/13	
DRAWING: FORT BEND COUNTY		SHEET: 21 OF 21	
DESIGNER: FORT BEND COUNTY		ENGINEER: FORT BEND COUNTY	
DATE: 08/28/13		DATE: 08/28/13	
ORIGINAL: 08/28/13		DATE: 08/28/13	
AS-BUILT: N/A		DATE: N/A	
PAGE: 15		OF: 21	

[illegible]

PROJECT SHEET 8A - AERIAL IMAGE
FOR REFERENCE ONLY



TITLE: NO 01000A - SPAN 310 - FORT BEND COUNTY PERMIT		LOC: Fort Bend County	
PAC#1707 BUILDING ID:		PAC#1707 BUILDING ID:	
PERMIT PEOPLE: 97-491-1032		PERMIT PEOPLE: 97-491-1032	
DIVISION: FORT BEND - NO 01000A - SPAN 310.dwg		DIVISION: FORT BEND - NO 01000A - SPAN 310.dwg	
ORIGINAL: 02/02/17		END DESIGN	
Revised: 04/03/17		DES	
AS-BUILT: N/A		N/A	
PAGE: 16		PAGE: 16	
OF: 21		OF: 21	

NOTE:
THE FORT BEND COUNTY PROJECT STOPS HERE. FIBERNET
WILL SUBMIT A CITY OF FORT BEND TO CONDUIT
NORTH ON THE OAK ROAD. THE FIRST ROUTE SHOWN NORTH
OF THE CITY OF FORT BEND LINE IS FOR REFERENCE ONLY.

SEE PROJECT SHEET 10

100+48
100+42

WELD CT.

MISTY BEND DR.

PIN OAK RD.

KATY FLEWELLEN RD

GREENBUSH RD

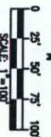
PROJECT SHEET 9

811
DANGER! UNKNOWN
1-800-444-5377
UNDER MICHIGAN
2-92-25-010

PRIVATE LAND STORAGE
1400 NORT FLEWELLEN RD

PROJECT CONSTRUCTION NOTES:
1. ALL FIBER OPTIC CONSTRUCTION
SHOWN IN RED. ALL FIBER OPTIC
INTEGRITY AND ONE FIBER CABLES
UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE
24" DIA. (UNLESS OTHERWISE INDICATED)
WITH 100' OF FIBER SLACK LOOP.

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TITLE: NO DROGA - SPAN 310 - FORT BEND COUNTY PERMIT	
LOC: Fort Bend County	
PROJECT: FORT BEND COUNTY - SPAN 310 - FORT BEND COUNTY PERMIT	
DRAWING: NO DROGA - SPAN 310 - FORT BEND COUNTY PERMIT	
DESIGNED BY	DATE
02/02/17	02/02/17
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PROPRIETARY INFORMATION OF FIBERNET DIRECT	
PAGE: 17	OF: 21

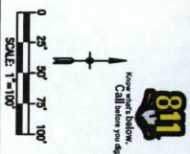
PRODUCT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAN WILL INDICATE BORING THREE 1 X 1" HOPE INDUCTS AND ONE FIBER CABLES UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 24" x 36" x 30" (UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.

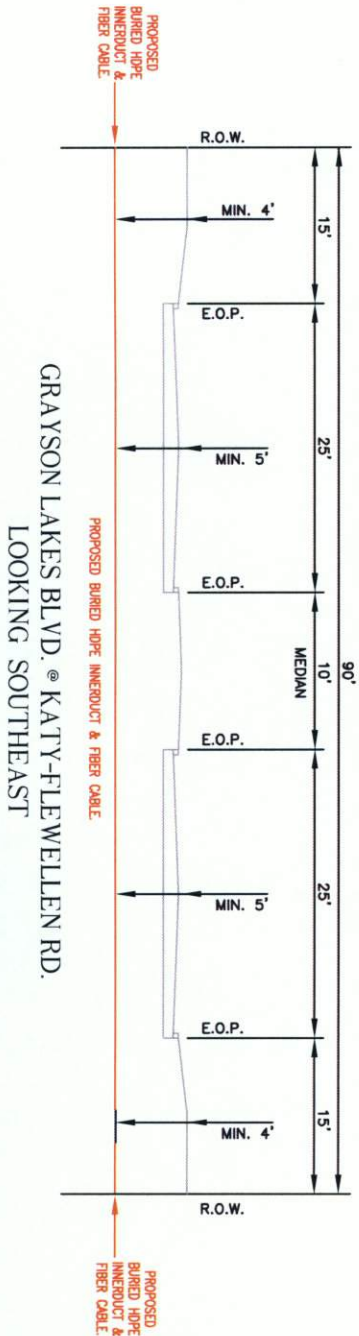
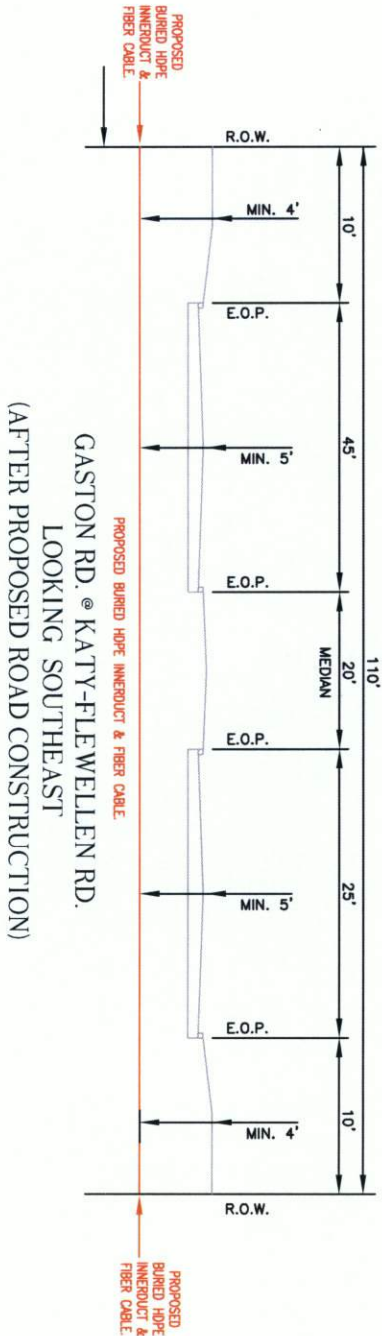
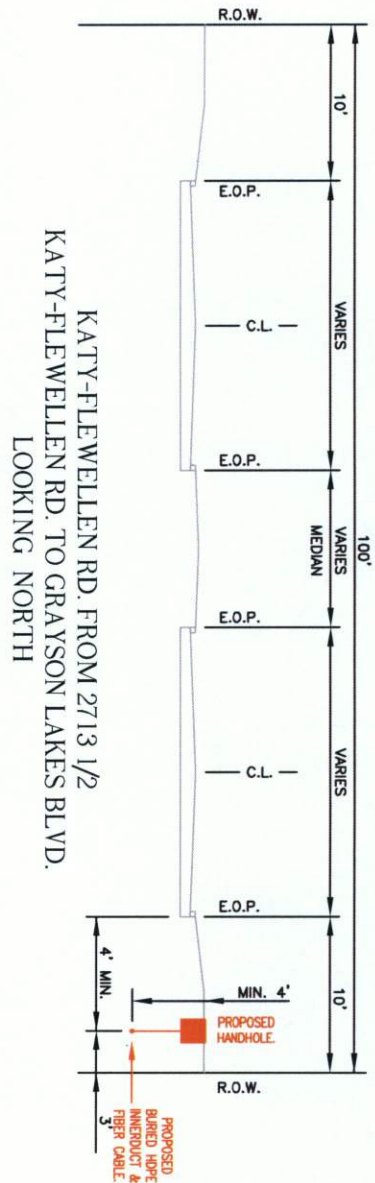
PRIVATE MINI STORAGE
1450 KATY FLEMING RD

PROJECT SHEET 9A - AERIAL IMAGE
FOR REFERENCE ONLY

NOTE: EXISTING PARCELS & RIGHT OF WAY ARE BASED ON F.B.C.A.D. GIS MAP. AERIAL IMAGES ARE FROM BING MAPS. THE AERIAL IMAGE WITH THE DESIGN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY THE ROAD RIGHT OF WAY AND EASEMENTS PRIOR TO COMMENCING WORK.



PROJECT: 161 BLUE RIDGE DR- FIBERNET PROJECT #32-081-1232 OWNER: Fort Bend - SPAN 310.0mg TITLE: NO 010304 - SPAN 310 - FORT BEND COUNTY FIBERNET		LOC: Fort Bend County	
DRAWING: 02/02/17 ORIGINAL: 02/02/17 AS-BUILT: N/A	DATE: 02/02/17 ENG DESIGN: N/A	PAGES: 18 OF: 21	FIBERNET DIRECT 161 BLUE RIDGE DR FORT BEND COUNTY, TX 77459

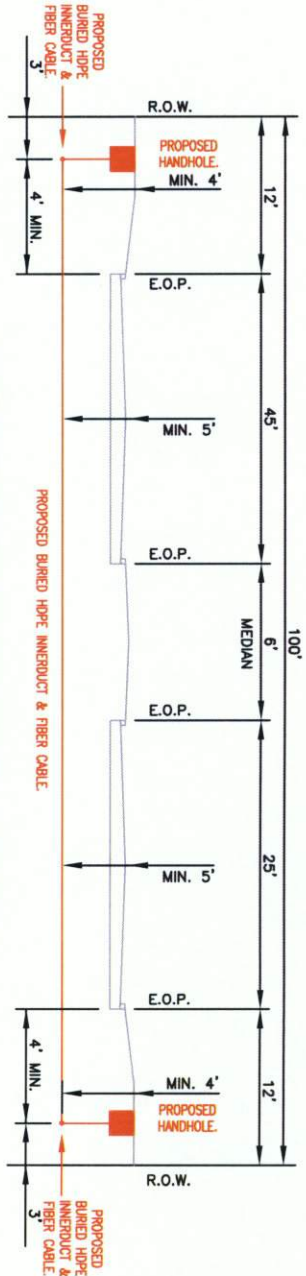


PROFILE SHEET 1

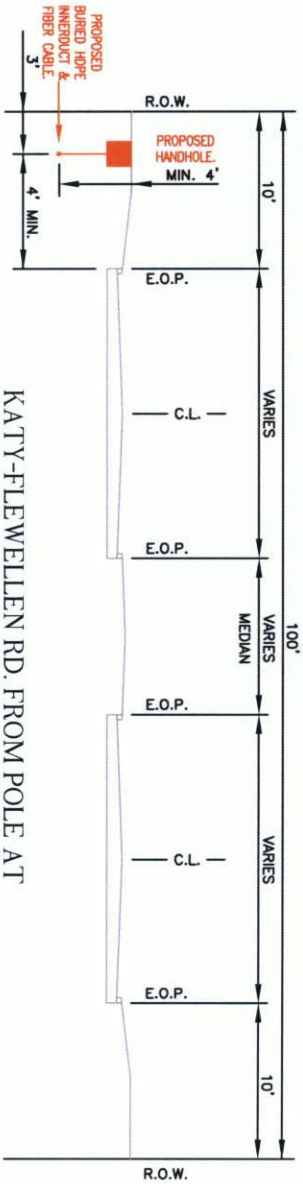
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LOC: Fort Bend County	
PROJECT: FORT BEND COUNTY - SPAN 310 - FORT BEND COUNTY PERMIT	
DRAWING: HO 01006A - SPAN 310 - FORT BEND COUNTY PERMIT	
DATE: 02/20/17	
DESIGNER: FIBERNET DIRECT	
CHECKER: FIBERNET DIRECT	
ASSEMBLER: FIBERNET DIRECT	
PAGE: 19	
OF: 21	

PROPRIETARY INFORMATION OF FIBERNET DIRECT

KATY-FLEWELLEN RD. @ GRAYSON LAKES BLVD. LOOKING NORTHEAST



KATY-FLEWELLEN RD. FROM POLE AT STA. #55+22 TO POLE AT STA. #67+75 LOOKING NORTHEAST

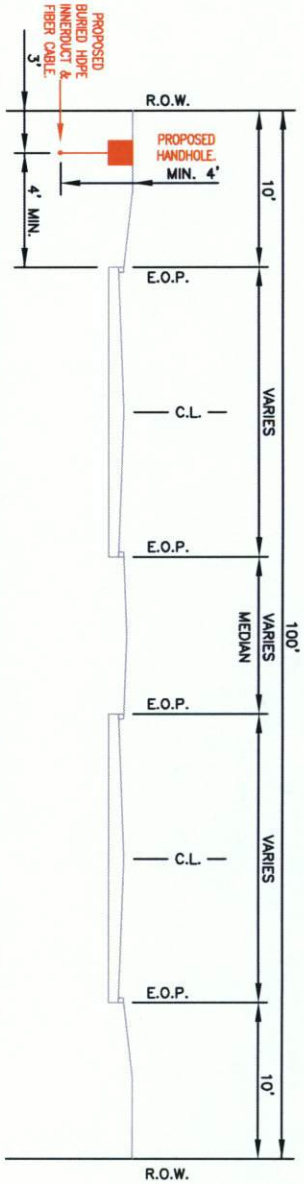


PROFILE SHEET 2

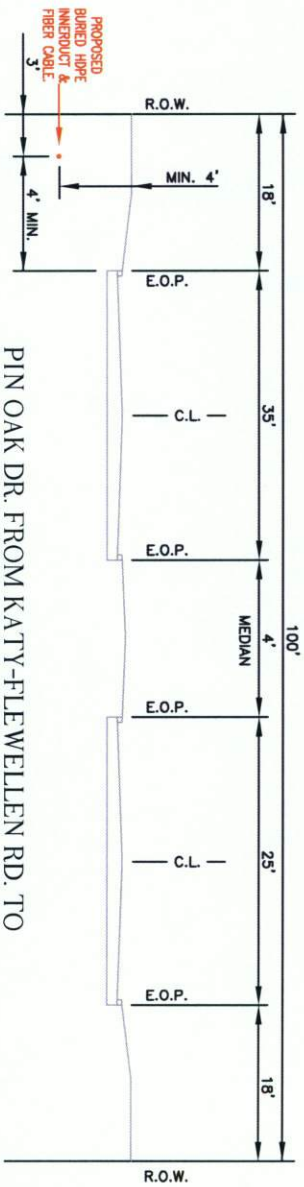
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LOC: Fort Bend County	
PROJECT: FORT BEND COUNTY	
DESIGNER: FORT BEND COUNTY	
DRAWING: NO. 01000A - SPAN 210.dwg	
DATE: 02/02/17	
DESIGNER: NS	
CHECKER: NS	
APPROVER: N/A	
PAGE: 20	
OF: 21	

PROPRIETARY INFORMATION OF FIBERNET DIRECT

KATY-FLEWELLEN RD. FROM POLE AT STA. #79+99 TO PIN OAK DR.
LOOKING NORTHEAST



PIN OAK DR. FROM KATY-FLEWELLEN RD. TO
THE KATY CITY LIMITS LINE
LOOKING NORTHWEST



PROFILE SHEET 3

TITLE: NO DRAIN - SPAN 310 - FORT BEND COUNTY PERMIT	
LOC: Fort Bend County	
PROJECT: FORT BEND COUNTY PERMIT	
DRAWING: NO DRAIN - SPAN 310.dwg	
DATE: 02/02/17	
DESIGNER: RJS	
CHECKER: N/A	
APPROVER: N/A	
FIBERNET DIRECT	
PAGE: 21	OF: 21

Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

Guidance:

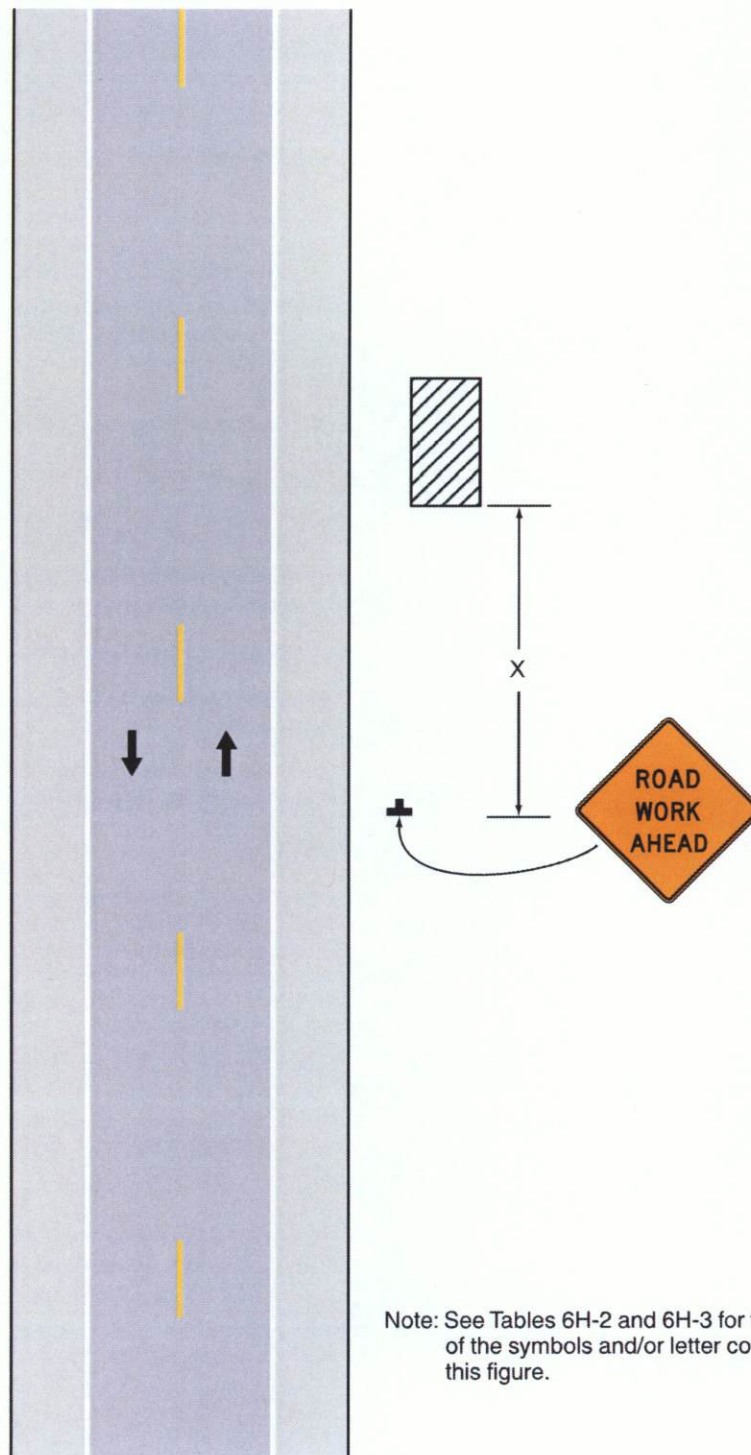
1. *If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.*

Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**

Figure 6H-1. Work Beyond the Shoulder (TA-1)**Typical Application 1**

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Notes for Figure 6H-3—Typical Application 3
Work on the Shoulders

Guidance:

1. *A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*

Option:

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**
7. **When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.**

Figure 6H-3. Work on the Shoulders (TA-3)

