

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

X	Right of Way Permit
	Commercial Driveway Permi
Dorr	nit No: 2017 17449

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 Bond No: Amount: \$50,000.00 posted. 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. Charly O. D. 12/27/2017 Permit Administrator Date



REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

Fort Bend County Engineering Department 301 Jackson Suite 401

Richmond, Texas 77469 281.633.7500 Permits@fortbendcountytx.gov

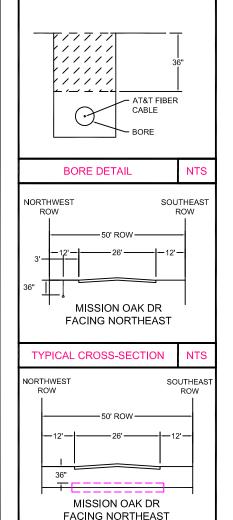
X Right of Way Permit
Commercial Driveway Permit
Permit No: 2017-17448

	Permit No: 2017-17448								
	Applicant: AT&T Texas/Black & Veatch								
	Location Site:	9235 Windswept Grove Dr							
Bond	d No.	Date of Bond:	11/28/2017	_Amount:	\$50,000.00				
Layin Road Comi Texas	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 inconsistant with Chapter 181, Vernon's Texas Statutes and Codes Annoted.								
1.	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.								
Comi notic	missioner e of said above	nuary, 2018, Upon Motion of , duly purpose is hereby acknowled aced on record according to	put and carrie ged by the Co	ed, it is ORDERE mmissioners Co	, secon D, ADJUDGED AND DECRE ourt of Fort Bend County, 1	ED that said			
Signa	nture		Prese	ented to Commi	issioners Court and approv	red.			
Ву:	Charly County Engine	/	Date	Recorded	Comm. Court No				
By:	N/A	=1	Clerk By:	of Commission	ners Court				
Σy.	Drainage Distri	ct Engineer/Manager	· -	Deputy					

BLACK & VEATCH DESIGN ENGINEER CONTACT: LEX MULLINS **BLACK & VEATCH** (469) 413-3267 MULLINSL@BV.COM FORT BEND COUNTY PERMIT 1 SHOWN ON PRINT 37 & 38 DESIGN SUMMARY:

-BORE FIBER NORTH 50' ACROSS MISSION OAK DR. FROM ROW TO

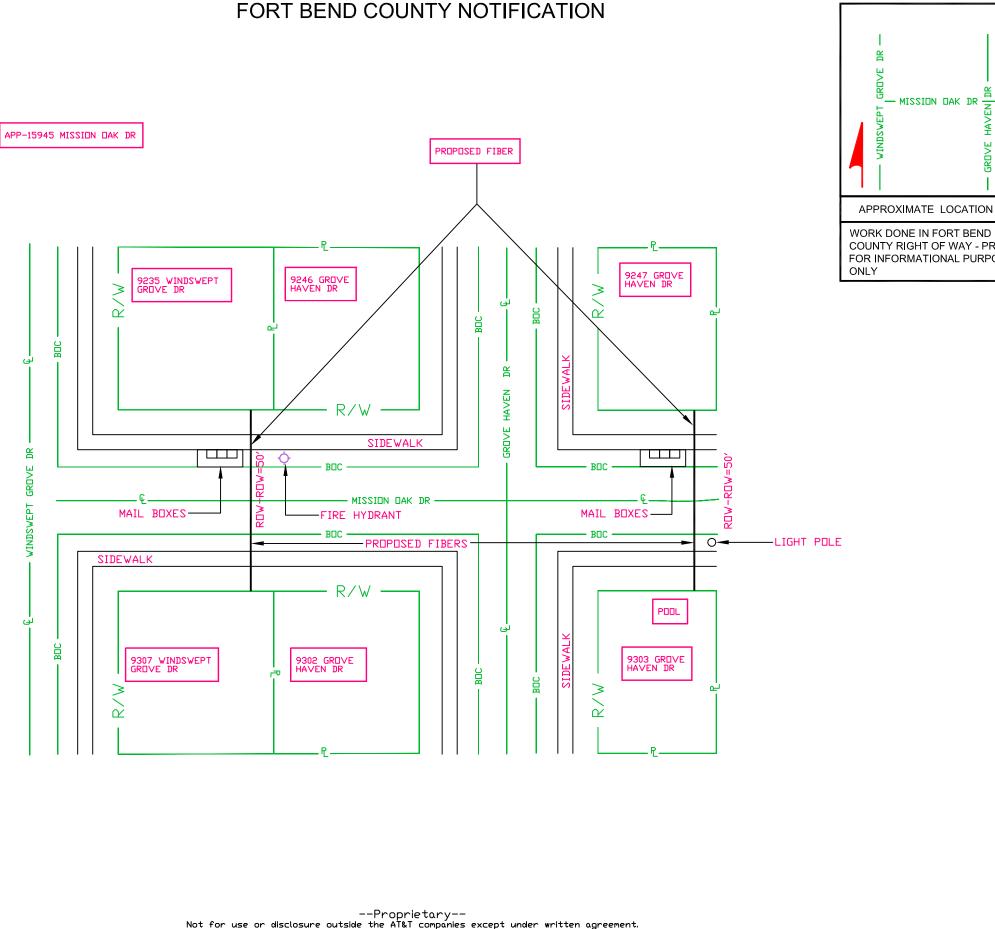
-BORE FIBER NORHT 50' ACROSS MISSION OAK DR. FROM ROW TO ROW.



TYPICAL BORE

CROSS-SECTION

NTS



6203 **FORWARDED** - MISSION DAK DR **PERMIT REQUIRED** TASK ____

APPROXIMATE LOCATION MAP

COUNTY RIGHT OF WAY - PRINT FOR INFORMATIONAL PURPOSES

NORTH ARROW

OPERATING RANGE OF JOB STEPS

TO

MFRC

TRANSMISSION ZONE

RZ 0 CZ 0 TAPER CODE 4320LA

CAUTION HIGH VOLTAGE

BURIED N aerial N KV 0.00

HIGHWAY PERMIT NO.

Utility CO RFP NAME

RFP TFI NO.

POLE CONTACTS (+)0

 $(-)_{0}$

 $(-)_{0}$

 $(-)_{0}$

Utility CO REP NAME

REP TEL NO.

POLE CONTACTS (+)

Utility CO

REP NAME REP TEL NO.

POLE CONTACTS (+)

TOT.PRINTS 54

PRINT NO. 46 PRT:281498

NPA/NNX: 281-498 EXCH. ALIEF

TAX DIST. FG108

GEO LOC. W85498

ENGR. SK DRAWNSC

TELEPHONE NO. (281) 298-5803

REC. REF.

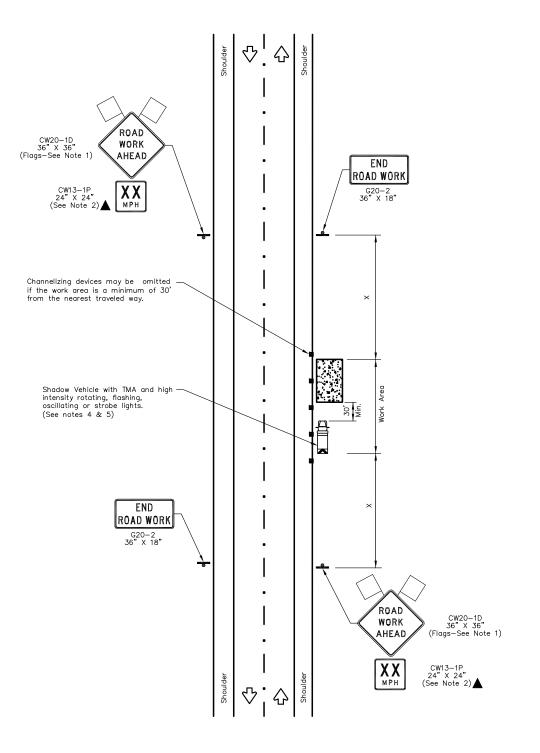
MAP REF. SCALE NONE

ISSUE DATE 08/25/2017

PROJ TITLE LIGHTGIG-4320LA-DIST-AF

REV. NUMBER 1

DATE REV. 12/07/2017



TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES		SIGN SPACING	BUFFER SPACE
			TAPER	TANGENT		
MISSION OAK DR	SSION OAK DR 35 245' 35' 70'		160'	120'		

LEGEND							
	Type 3 Barricade		Channelizing Devices				
□坤	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)				
	Trailer Mounted Flashing Arrow Board	M	Portable Changeable Message Sign (PCMS)				
_	Sign	\ \	Traffic Flow				
\Diamond	Flag	ПО	Flagger				

Posted Speed	Formula	Minimum Desirable Taper Lengths "L" * *		Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X"	Suggested Longitudinal Buffer Space "B"	
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	Distance	"B"
30	ws ²	150'	165'	180'	30'	60'	120'	90'
35	$L = \frac{WS^-}{60}$	205'	225'	245'	35'	70'	160'	120'
40	60	265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55	L=WS	550'	605	660'	55'	110'	500'	295'
60] = "3	600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

- ** Taper lengths have been rounded off.
- L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

GENERAL NOTES

- 1. Flags attached to signs where shown are OPTIONAL.
 2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol are OPTIONAL.
 3. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 4. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
 6. Contractor shall provide and install traffic control devices in conformance with part VI of Texas Manual on Uniform Traffic Control Devices (TMUTCD Latest edition with revisions) during construction.

- edition with revisions) during construction.

 No lanes shall be blocked during construction.

 If project is within 400 feet from a signalized intersection, the Contractor shall contact Harris County Engineering Department, Traffic Signal Maintenance at (713) 881–3210 five (5) days prior to the start of construction.

WORK SPACE NEAR SHOULDER

NO.	REVISIONS	DATE	NAME
Λ	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH
$\overline{\Lambda}$			

FORT BEND COUNTY ENGINEERING DEPARTMENT

CONSULTANT LOGO/INFORMATION **ENGINEERS** SEAL

PROJECT TITL	E:	
DRAWN BY: BSH		HCED STANDARD
CK'D BY: BSH	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN (SHOULDER WORK)	38
SCALE: N.T.S.		SHEET NO:
DATE: 6/26/14	APPROVED BY:	/