



**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

Right of Way Permit

Commercial Driveway Permit

Permit No: 2017-17460

Applicant: AT&T Texas/Black & Veatch

Job Location Site: 15302 Frank Road, Sugar Land, TX 77498

Bond No. **Date of Bond:** 11/28/2017 **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 2nd day of January, 2018, Upon Motion of Commissioner _____, seconded by Commissioner _____, 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

Presented to Commissioners Court and approved.

By: 
County Engineer

Date Recorded _____ Comm. Court No. _____

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____
Deputy



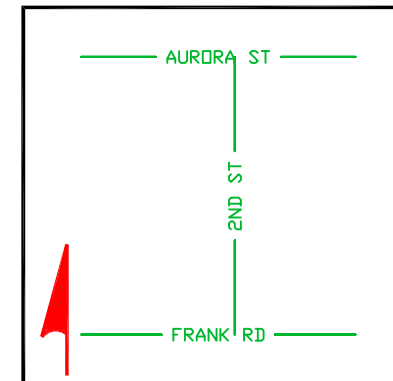
BLACK & VEATCH

DESIGN ENGINEER CONTACT:
LEX MULLINS
BLACK & VEATCH
(469) 413-3267
MULLINSL@BV.COM

FORT BEND COUNTY
PERMIT 1
SHOWN ON PRINT 15 & 18

DESIGN SUMMARY:
BORE PROPOSED FIBER FROM
PI TO PI FOR 200' AND FROM PI
TO POLE UNK111 FOR 233'

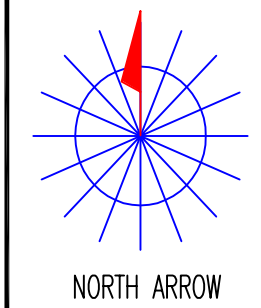
FORT BEND COUNTY NOTIFICATION



APPROXIMATE LOCATION MAP

WORK DONE IN FORT BEND
COUNTY RIGHT OF WAY - PRINT
FOR INFORMATIONAL PURPOSES
ONLY

SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE 4130LA

CAUTION HIGH VOLTAGE
KV 0.00 AERIAL N BURIED N

HIGHWAY PERMIT NO.

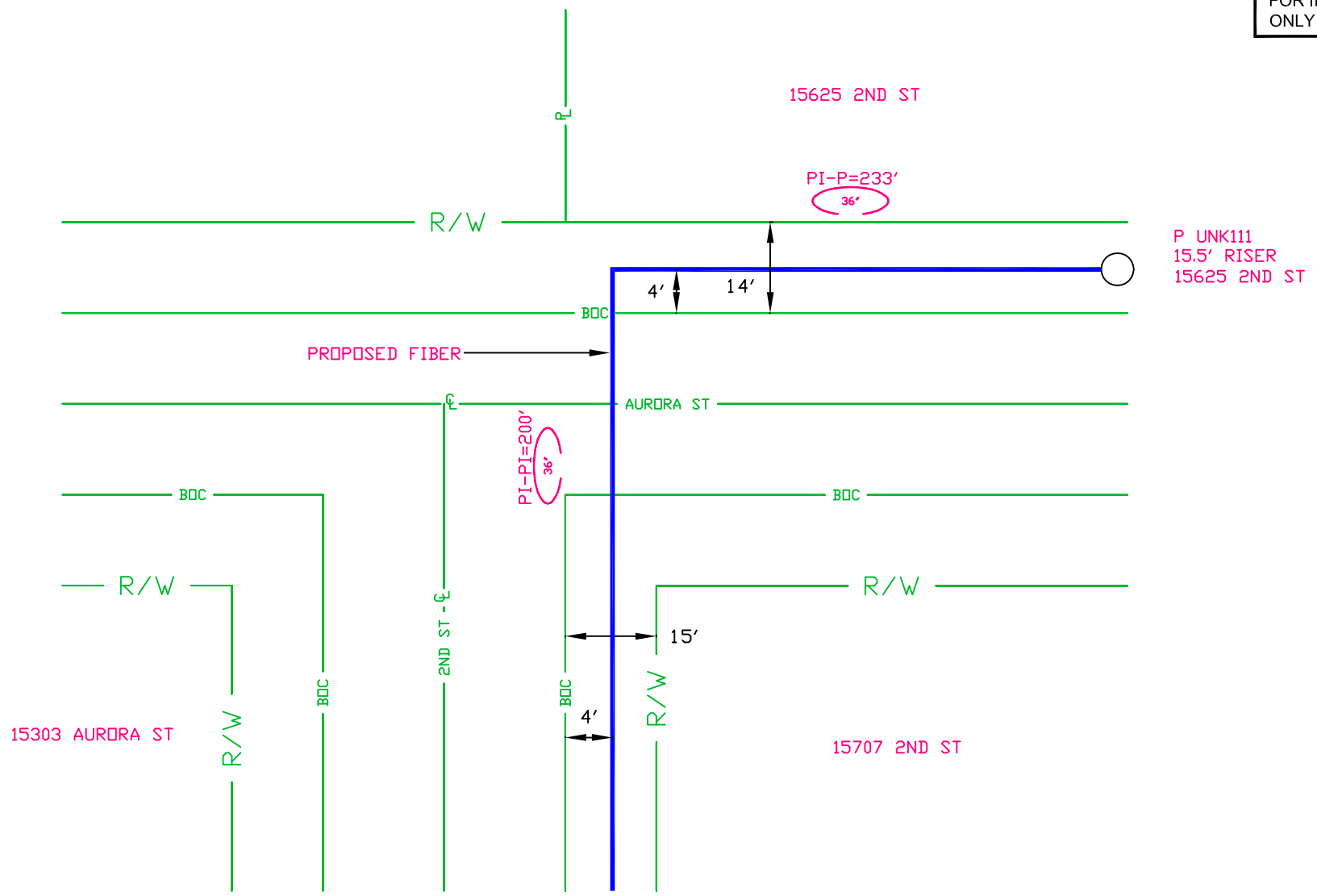
Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

PROJECT NO A00XCLK

TOT.PRINTS 40 PRINT NO. 40
NPA/NNX: 281-498 PRT:281498
EXCH. ALIEF
TAX DIST. FG004
GEO LOC. W85498
ENGR. RS DRAWN AF
TELEPHONE NO. (281) 352-4644
REC. REF.
MAP REF. 527Z
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4130LA-DIST-AF
REV. NUMBER
DATE REV.



--Proprietary--

Not for use or disclosure outside the AT&T companies except under written agreement.



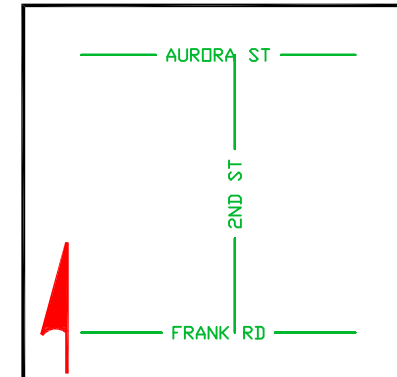
BLACK & VEATCH

DESIGN ENGINEER CONTACT:
LEX MULLINS
BLACK & VEATCH
(469) 413-3267
MULLINSL@BV.COM

FORT BEND COUNTY
PERMIT 1
SHOWN ON PRINT 15 & 18

DESIGN SUMMARY:
BORE 42' OF PROPOSED FIBER
FROM POLE UNK123 TO PI

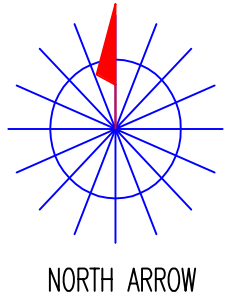
FORT BEND COUNTY NOTIFICATION



APPROXIMATE LOCATION MAP

WORK DONE IN FORT BEND COUNTY RIGHT OF WAY - PRINT FOR INFORMATIONAL PURPOSES ONLY

SPECIAL CIRCUITS N
6203 FORWARDED N
PERMIT REQUIRED N



OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE 4130LA

CAUTION HIGH VOLTAGE
KV 0.00 AERIAL N BURIED N

HIGHWAY PERMIT NO.

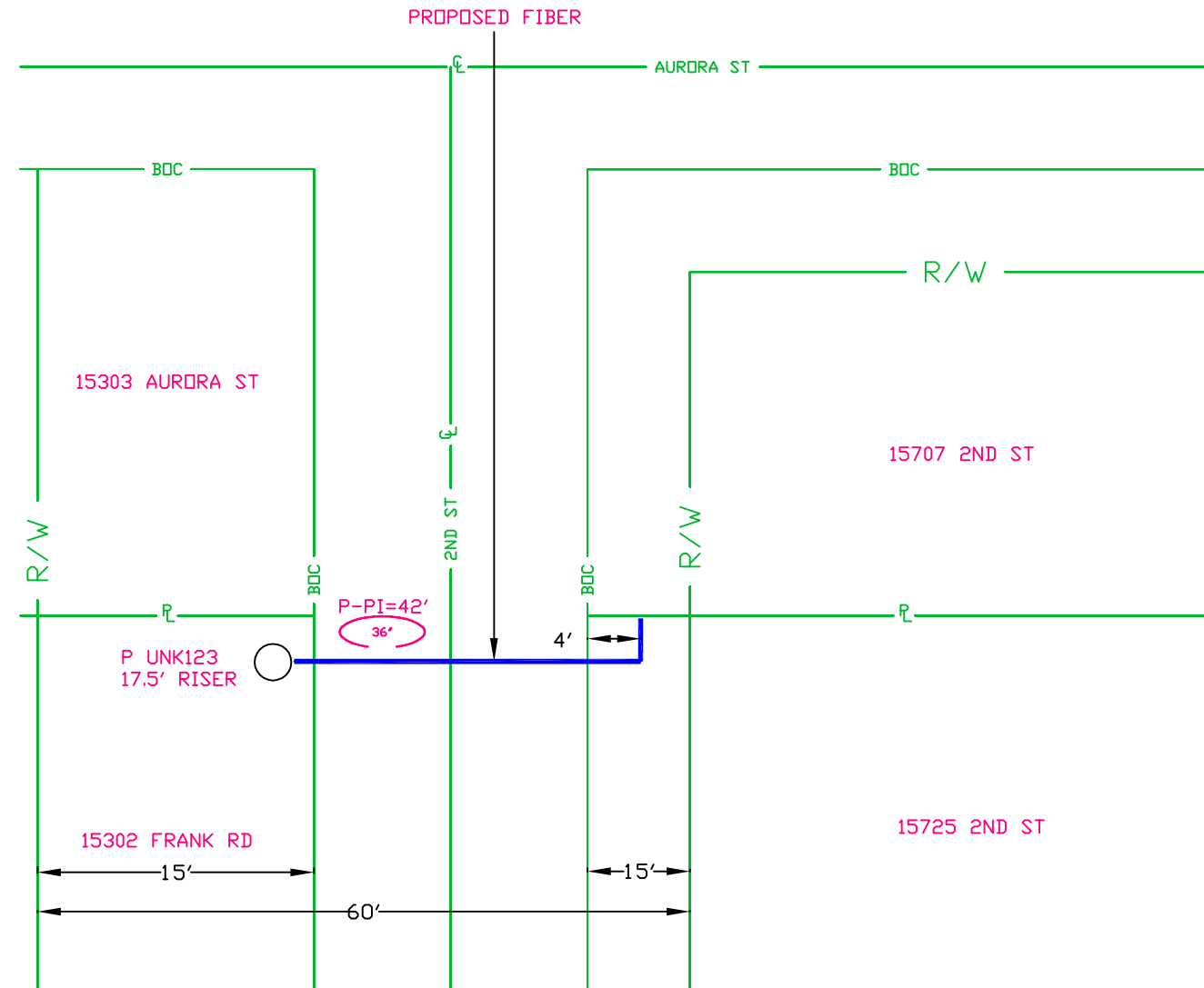
Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

PROJECT NO A00XCLK

TOT.PRINTS 40 PRINT NO. 39
NPA/NNX: 281-498 PRT:281498
EXCH. ALIEF
TAX DIST. FG004
GEO LOC. W85498
ENGR. RS DRAWN AF
TELEPHONE NO. (281) 352-4644
REC. REF.
MAP REF. 527Z
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4130LA-DIST-AF
REV. NUMBER
DATE REV.



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TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES		SIGN SPACING	BUFFER SPACE
			TAPER	TANGENT		
2ND ST	30	165	30	60	120	90
AURORA ST	30	165	30	60	120	90

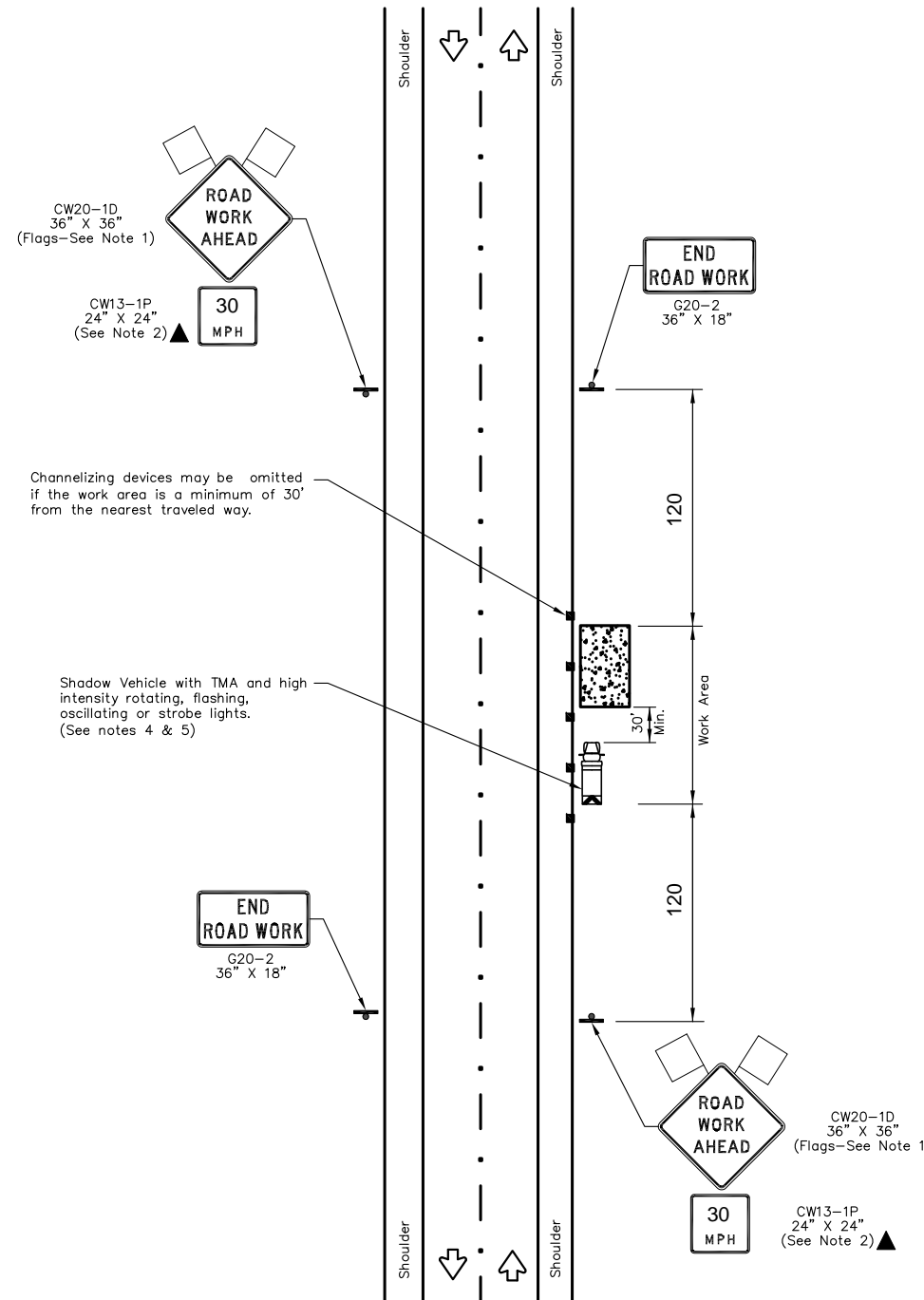
LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

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

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

GENERAL NOTES

- Flags attached to signs where shown are OPTIONAL.
- All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol are OPTIONAL.
- Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
- 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.
- Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- 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.
- 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.



Channelizing devices may be omitted if the work area is a minimum of 30' from the nearest traveled way.

Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. (See notes 4 & 5)

WORK SPACE NEAR SHOULDER

NO.	REVISIONS	DATE	NAME
▲	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH
▲			
▲			
▲			

**FORT BEND COUNTY
ENGINEERING DEPARTMENT**

CONSULTANT
LOGO/INFORMATION

ENGINEERS
SEAL

PROJECT TITLE: AT&T LIGHTGIG ALIEF - 4130LA - A00XCLK	
DRAWN BY: BSH	HCED STANDARD
CK'D BY: VC	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN (SHOULDER WORK)
SCALE: N.T.S.	38
DATE: 12/05/2017	APPROVED BY:

SHEET NO: /