



**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: 2017-17449

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 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

12/19/2017

Date



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
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Right of Way Permit

Commercial Driveway Permit

Permit No: 2017-17449

Applicant: AT&T Texas/Black & Veatch

Job Location Site: Navidad Road, Houston, TX 77083

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

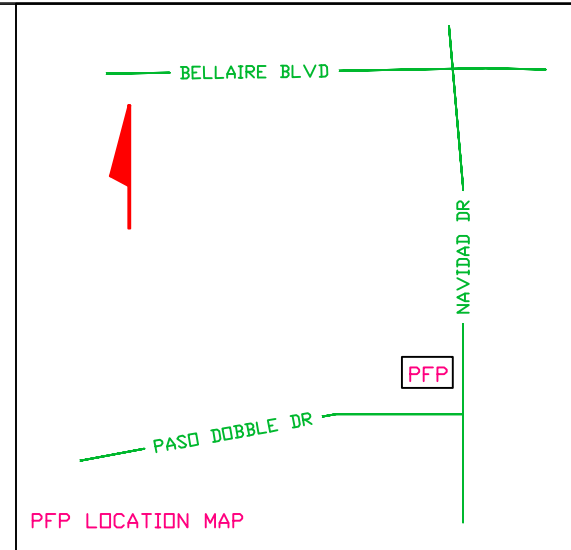
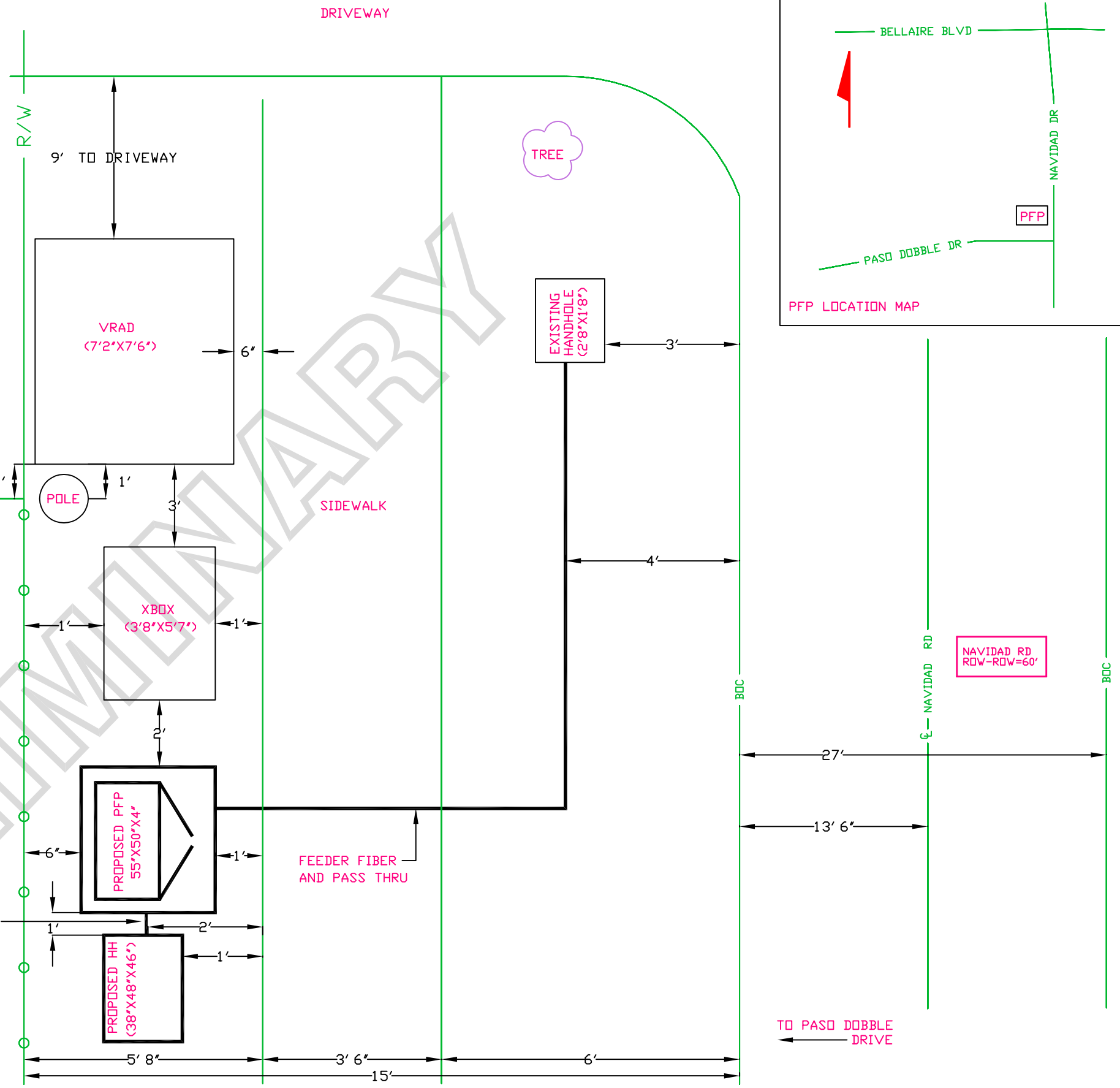
By: _____
Deputy

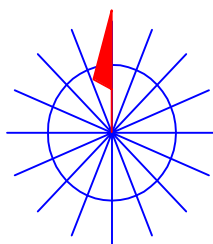
JOB SUMMARY:
 -PLACE (1) PFP CABINET ON (1) 55'X50'X4' POUR-IN-PLACE CONCRETE PAD
 -PLACE (1) NEW 38'X48'X46' HANDHOLE
 -BORE FEEDER FIBER AND PASS THRU TAILS 7' EAST FROM PFP TO PI

JOB SUMMARY:
 -BORE FEEDER FIBER AND PASS THRU TAIL 14' NORTH FROM PI TO EXISTING FH
 -BORE DISTRIBUTION TAILS 1' SOUTH FROM PFP TO NEW HANDHOLE

DESIGN ENGINEER CONTACT:
 WILLIAM MORRIS
 BLACK & VEATCH
 913-458-6489
 MORRISWD@BV.COM

PFP ADDRESS:
 S 16202 PASO DOBBLE DRIVE



| | | |
|------------------------------|---------------------|--|
| SPECIAL CIRCUITS | N |  NORTH ARROW |
| 6203 FORWARDED | N | |
| PERMIT REQUIRED | Y | |
| OPERATING RANGE OF JOB STEPS | TASK _____ TO _____ | |

| | | | |
|-------------------|------|------|-------------------|
| TRANSMISSION ZONE | RZ 0 | CZ 0 | TAPER CODE 1180LB |
|-------------------|------|------|-------------------|

| | | | |
|----------------------|---------|----------|----------|
| 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 **A00X4MM**

TOT.PRINTS 5 PRINT NO. 4
 NPA/NNX: 281-498 PRT:281498
 EXCH. ALIEF
 TAX DIST. FG113
 GEO LOC. W85498
 ENGR. RH DRAWNCC
 TELEPHONE NO. (281) 224-8741
 REC. REF. 240-285-26
 MAP REF. 527G
 SCALE NONE
 ISSUE DATE
 PROJ TITLE TXHAF NEW PFP 1180LB SPT 1-4
 REV. NUMBER
 DATE REV.

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

TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

| ROADWAY | POSTED SPEED | TAPER LENGTH | SPACING CHANNELIZING DEVICES | | SIGN SPACING | BUFFER SPACE |
|------------|--------------|--------------|------------------------------|---------|--------------|--------------|
| | | | TAPER | TANGENT | | |
| NAVIDAD RD | 30 | 165 | 30 | 60 | 120 | 90 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

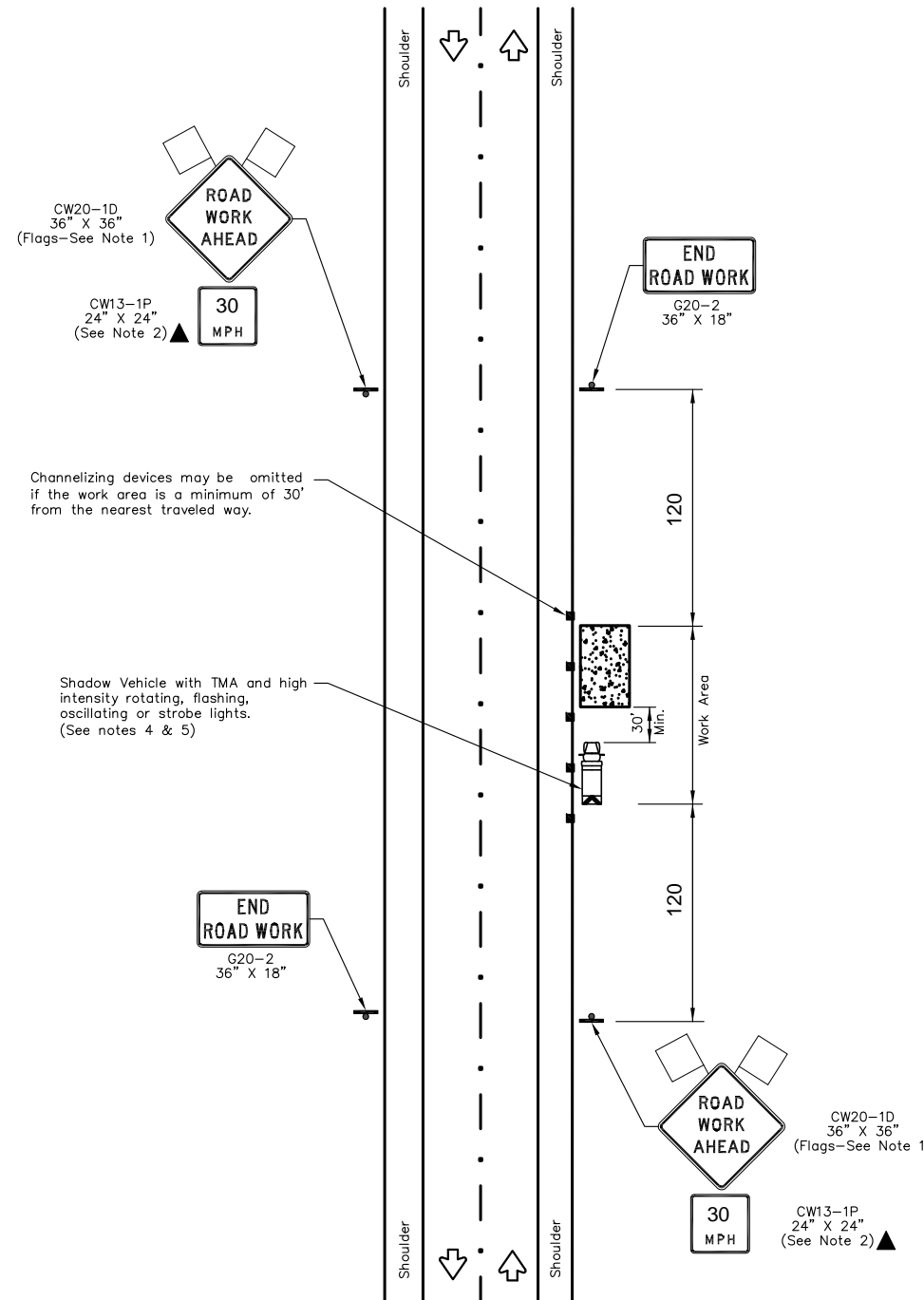
| LEGEND | | | |
|--------|--------------------------------------|--|---|
| | Type 3 Barricade | | Channelizing Devices |
| | Heavy Work Vehicle | | Truck Mounted Attenuator (TMA) |
| | Trailer Mounted Flashing Arrow Board | | Portable Changeable Message Sign (PCMS) |
| | Sign | | Traffic Flow |
| | 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 - 1180LB - A00X4MM | |
| 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: /