

**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@fortbendcountytexas.gov

☒ Right of Way Permit
☐ Commercial Driveway Permit
Permit No: 2018-23121

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:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions |
| <input checked="" type="checkbox"/> | c. Plans and specifications |

(2) BOND:

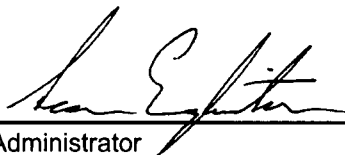
- | | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/> | County Attorney, approval when applicable. | | |
| <input checked="" type="checkbox"/> | Perpetual bond currently posted. | Bond No: [REDACTED] | Amount: \$50,000.00 |
| <input type="checkbox"/> | Performance bond submitted. | Bond No: _____ | Amount: _____ |
| <input type="checkbox"/> | 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.



Permit Administrator

9/17/2018

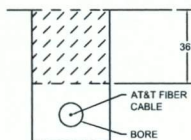
Date

BLACK & VEATCH

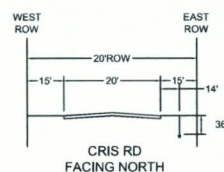
DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERS@BV.COM

FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT 7, 43 & 44

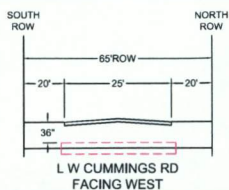
DESIGN SUMMARY:
-BORE AND PLACE FIBER
-PLACE ONE (1) PEDESTAL



BORE DETAIL NTS

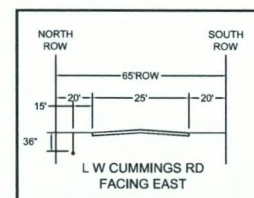
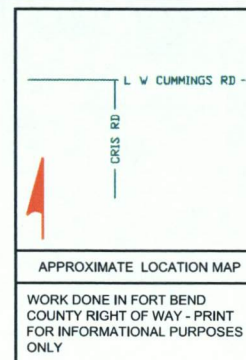
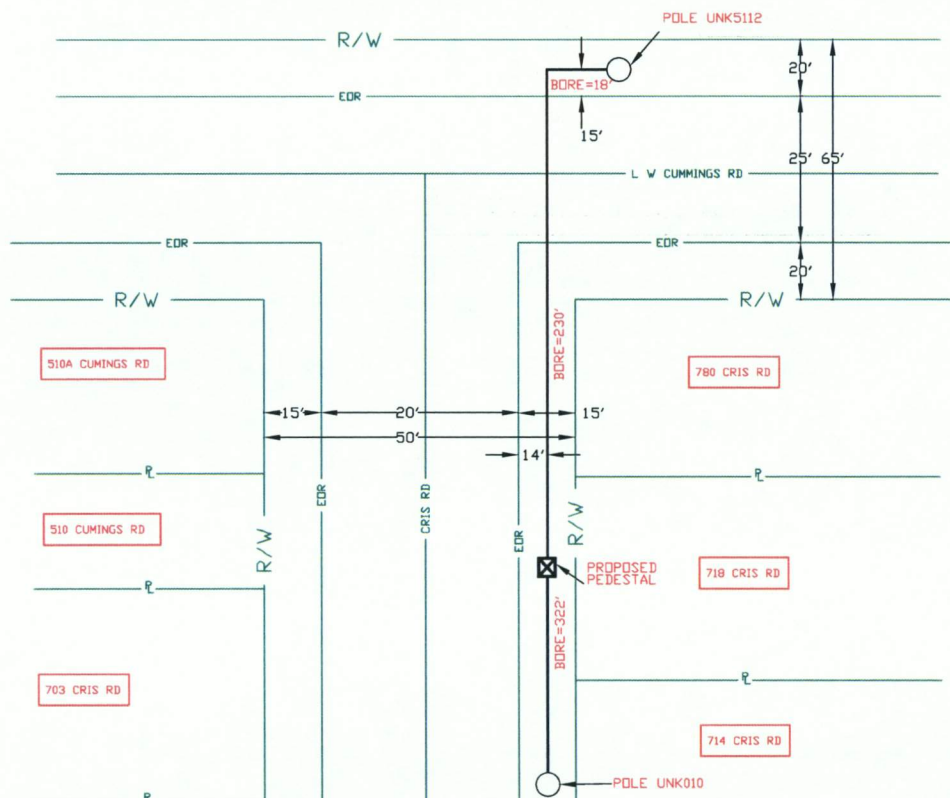


TYPICAL CROSS-SECTION NTS



TYPICAL BORE CROSS-SECTION NTS

FORT BEND COUNTY NOTIFICATION



TYPICAL CROSS-SECTION NTS



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

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 A0196YG

TOT.PRINTS 92 PRINT NO.82
NPA/NNX: 281-232 PRT:281232
EXCH. RICH-ROSE
TAX DIST. FG009
GEO LOC. W89232
ENGR. SM DRAWN LF
TELEPHONE NO. (281) 216-2978
REC. REF.
MAP REF. 604H
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4122PA-DIST-RR
REV. NUMBER
DATE REV.

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

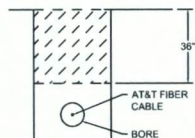


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERSC@BV.COM

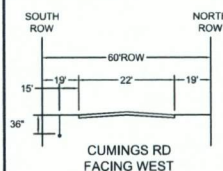
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT 9

DESIGN SUMMARY:
-BORE AND PLACE FIBER



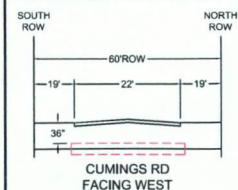
BORE DETAIL

NTS



TYPICAL CROSS-SECTION

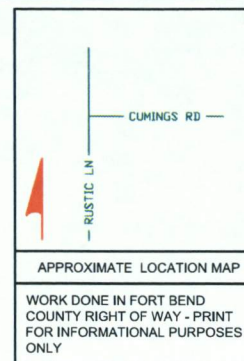
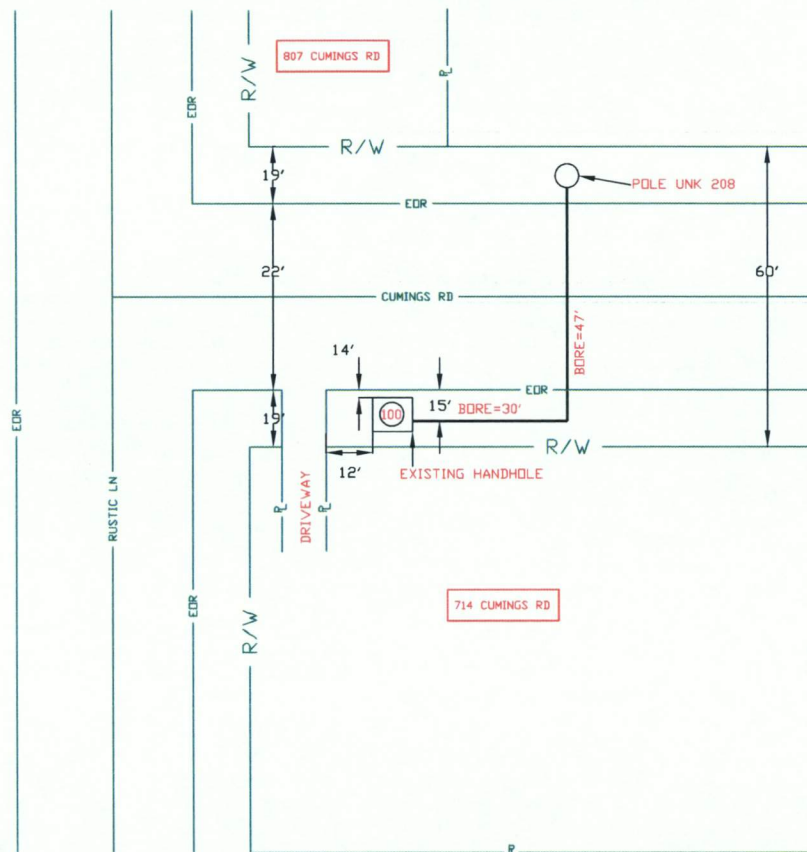
NTS



TYPICAL BORE
CROSS-SECTION

NTS

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

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 A0196YG

TOT.PRINTS 92 PRINT NO. 83

NPA/NNX: 281-232 PRT: 281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM

DRAWN LF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 604D & 604H

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.



--Proprietary--

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

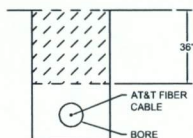


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERSB@BV.COM

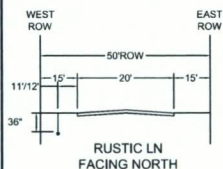
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT # 40 & 41

DESIGN SUMMARY:
-BORE AND PLACE FIBER



BORE DETAIL

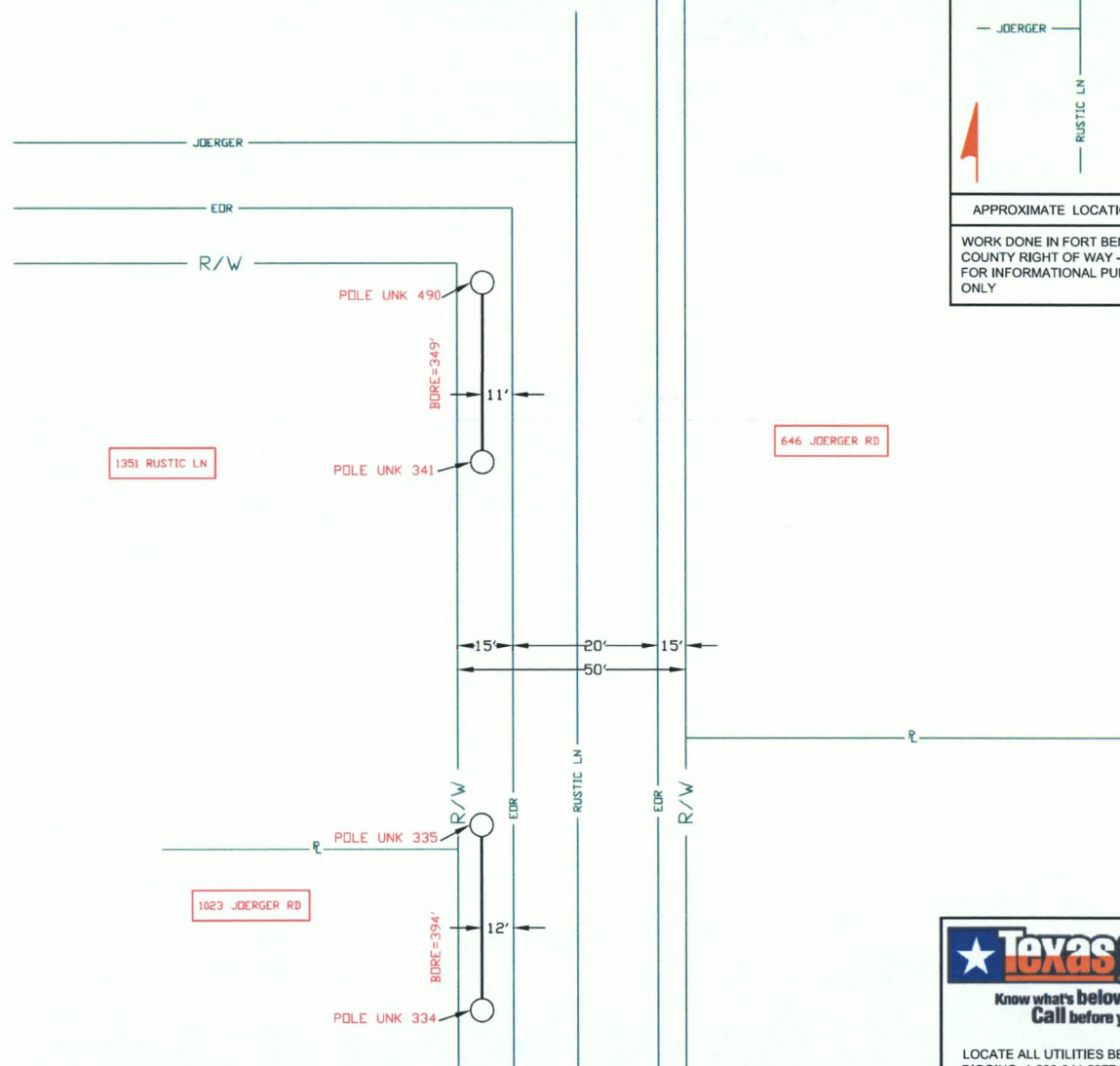
NTS



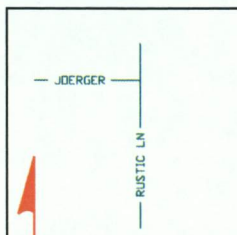
TYPICAL CROSS-SECTION

NTS

FORT BEND COUNTY NOTIFICATION



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



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



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO.84
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM DRAWN LF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 604C, 604D

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.



LOCATE ALL UTILITIES BEFORE
DIGGING: 1-800-344-8377 OR 811

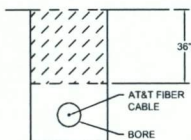


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(489) 513-3222
BRUNNERS@BV.COM

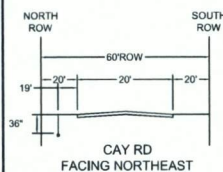
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT 49, 50 & 51

DESIGN SUMMARY:
-BORE AND PLACE FIBER
-PLACE FOUR (4) PEDESTALS



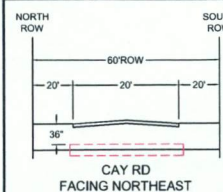
BORE DETAIL

NTS



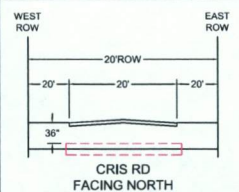
TYPICAL CROSS-SECTION

NTS



TYPICAL BORE
CROSS-SECTION

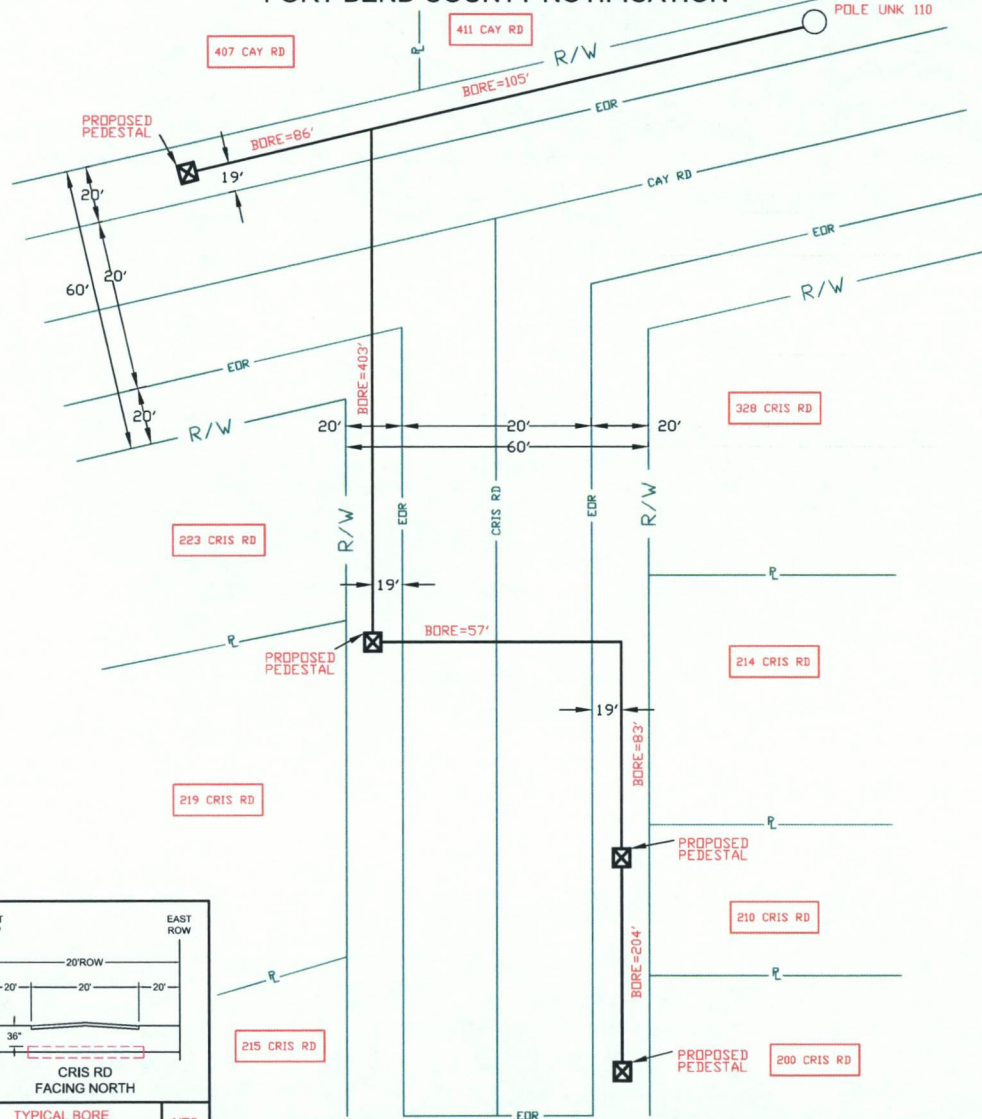
NTS



TYPICAL BORE
CROSS-SECTION

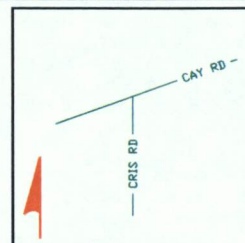
NTS

FORT BEND COUNTY NOTIFICATION



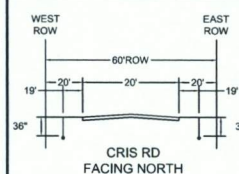
--Proprietary--

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



APPROXIMATE LOCATION MAP

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



TYPICAL CROSS-SECTION

NTS



SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO. 85
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM

DRAWN LF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 6046, 604H

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.

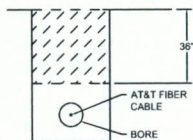


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERS@BV.COM

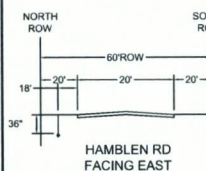
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT 72 & 73

DESIGN SUMMARY:
-BORE AND PLACE FIBER
-PLACE ONE (1) PEDESTAL



BORE DETAIL

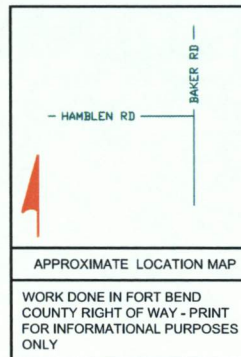
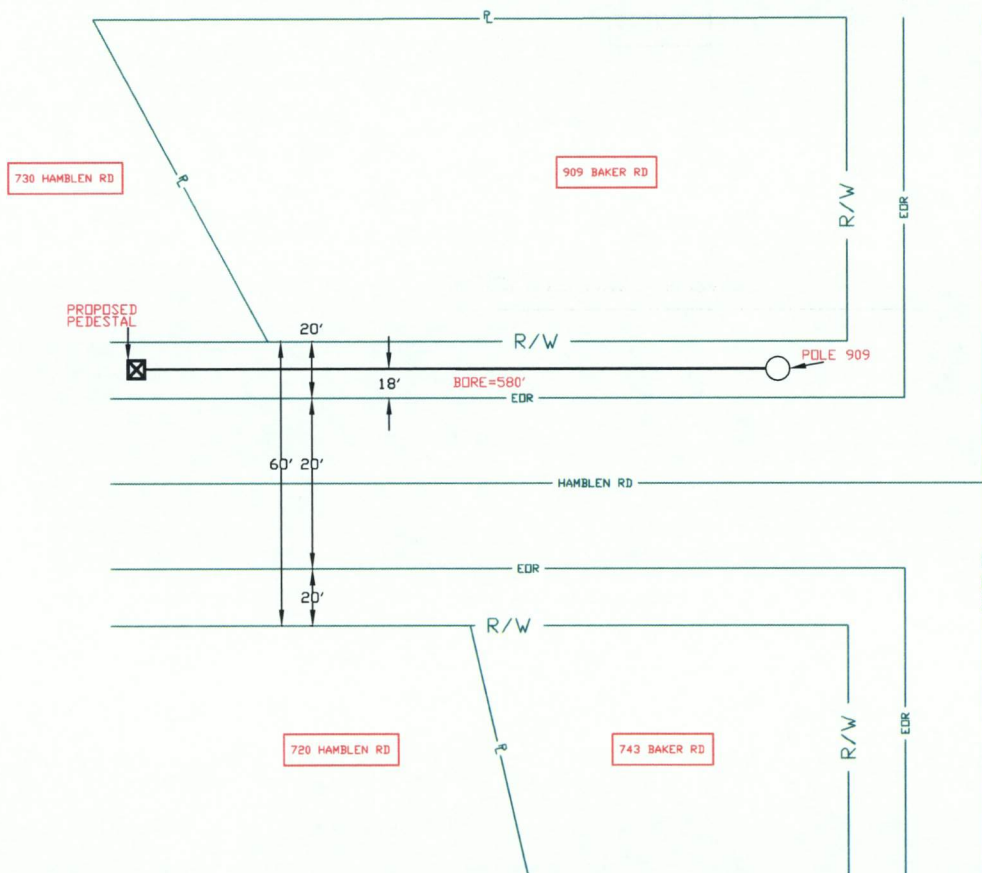
NTS



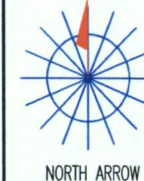
TYPICAL CROSS-SECTION

NTS

FORT BEND COUNTY NOTIFICATION



SPECIAL
CIRCUITS N
6203 N
FORWARDED N
PERMIT Y
REQUIRED Y



OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO. 86
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM DRAWN LF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 604B, 604C, 604F, 604G

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.



--Proprietary--

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

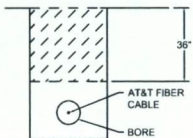


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERS@BV.COM

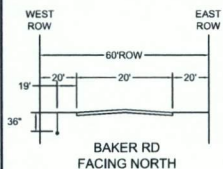
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT # 74, 75 & 76

DESIGN SUMMARY:
-BORE AND PLACE FIBER
-PLACE FOUR (4) PEDESTALS



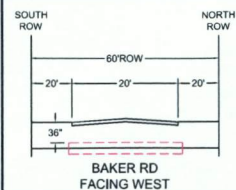
BORE DETAIL

NTS



TYPICAL CROSS-SECTION

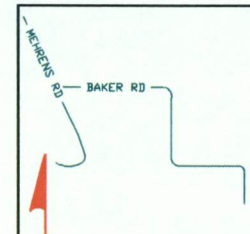
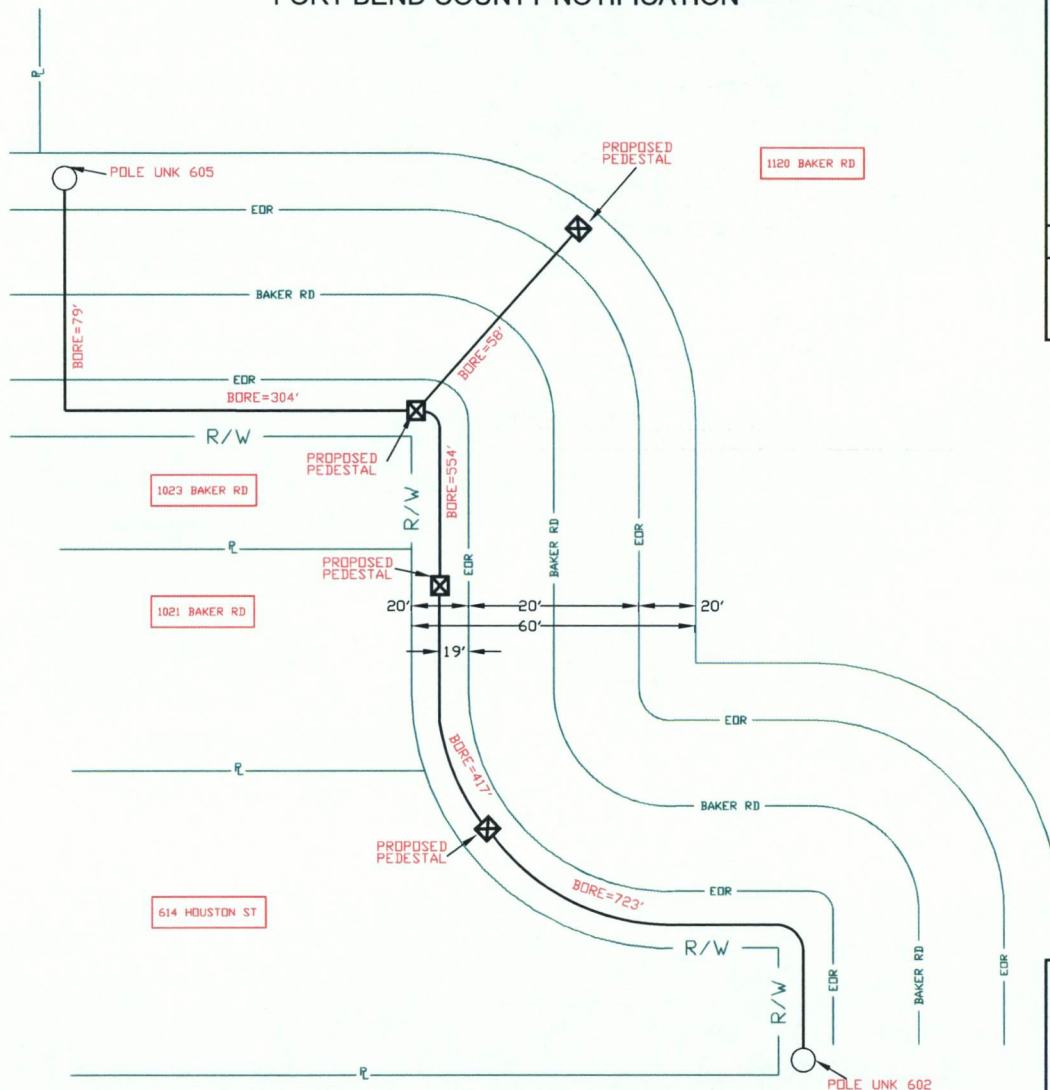
NTS



TYPICAL BORE CROSS-SECTION

NTS

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



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO. 87
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM DRAWN LF
TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 604B, 604C

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.



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

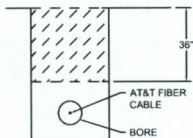


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERS@BV.COM

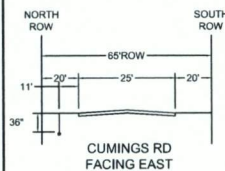
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT # 3 & 4

DESIGN SUMMARY:
-BORE AND PLACE FIBER



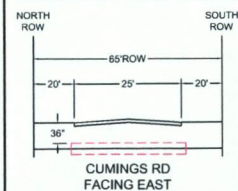
BORE DETAIL

NTS



TYPICAL CROSS-SECTION

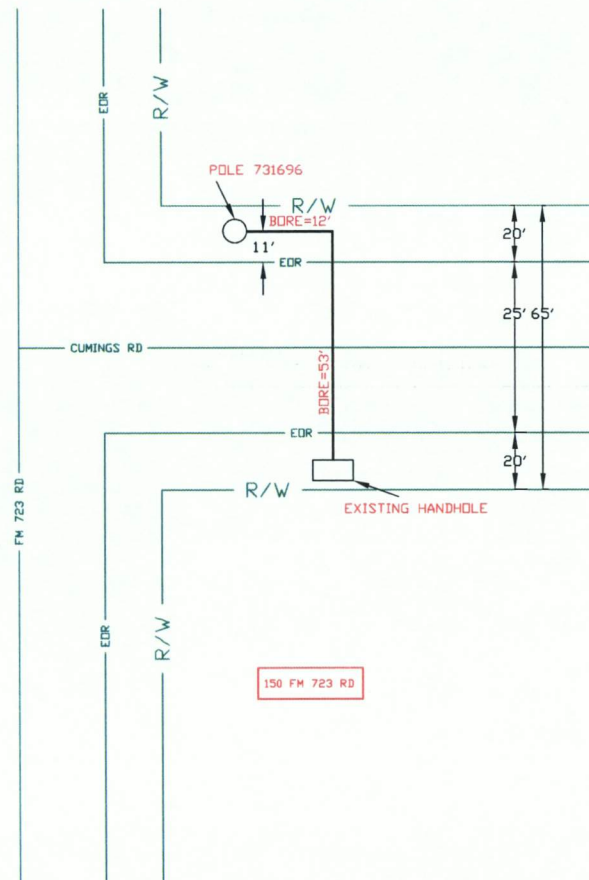
NTS



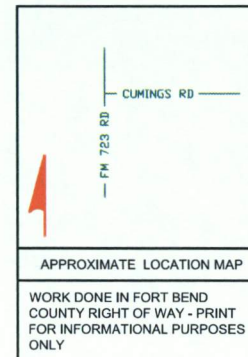
TYPICAL BORE
CROSS-SECTION

NTS

FORT BEND COUNTY NOTIFICATION



150 FM 723 RD



SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO.88
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM DRAWN LF
TELEPHONE NO. (281) 216-2978

REC. REF.
MAP REF. 6046
SCALE NONE

ISSUE DATE
PROJ TITLE LIGHTGIG-4122PA-DIST-RR
REV. NUMBER
DATE REV.



--Proprietary--

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

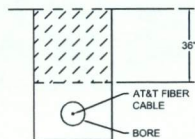


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERSVC@BV.COM

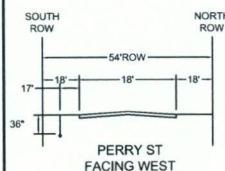
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT 68 & 69

DESIGN SUMMARY:
-BORE AND PLACE FIBER



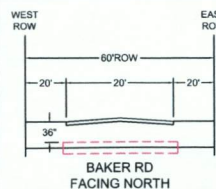
BORE DETAIL

NTS



TYPICAL CROSS-SECTION

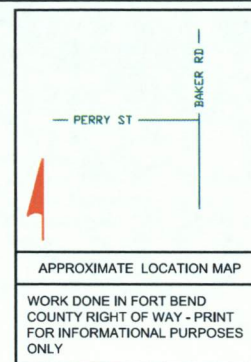
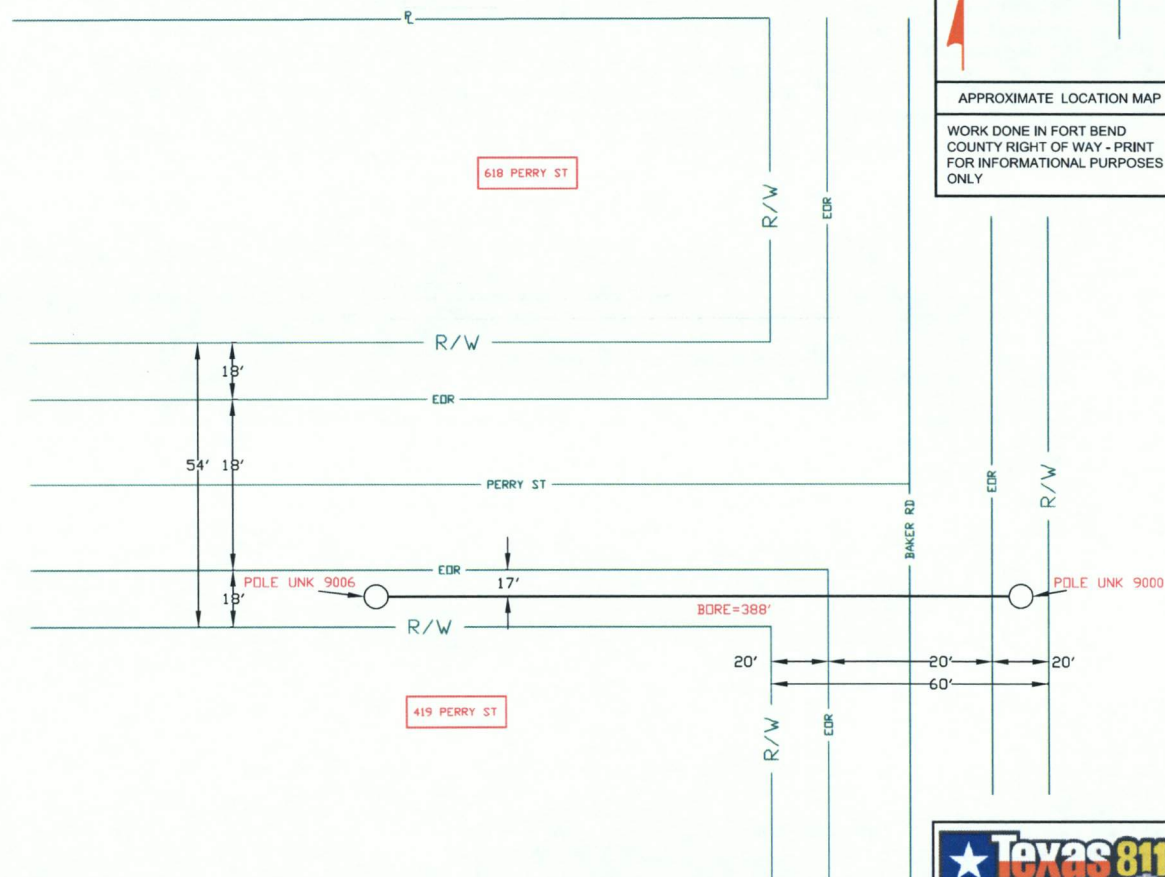
NTS



TYPICAL BORE
CROSS-SECTION

NTS

FORT BEND COUNTY NOTIFICATION



SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO. 89

NPA/NNX: 281-232 PRT: 281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM

DRAWN LF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 604C

SCALE NONE

ISSUE DATE

PROJ. TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.



--Proprietary--

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

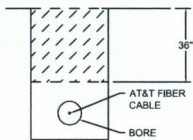


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
STEVEN BRUNNER
BLACK & VEATCH
(469) 513-3222
BRUNNERS@BV.COM

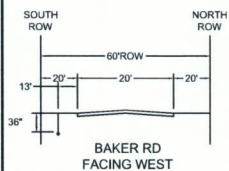
FORT BEND COUNTY
PERMIT #
SHOWN ON PRINT 61

DESIGN SUMMARY:
-BORE AND PLACE FIBER
-PLACE ONE (1) PEDESTAL



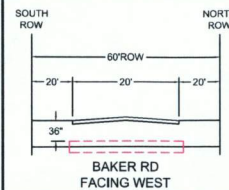
BORE DETAIL

NTS



TYPICAL CROSS-SECTION

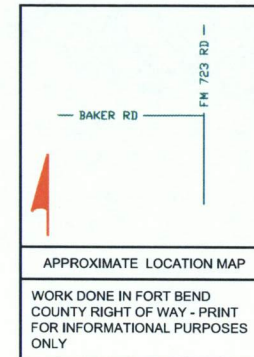
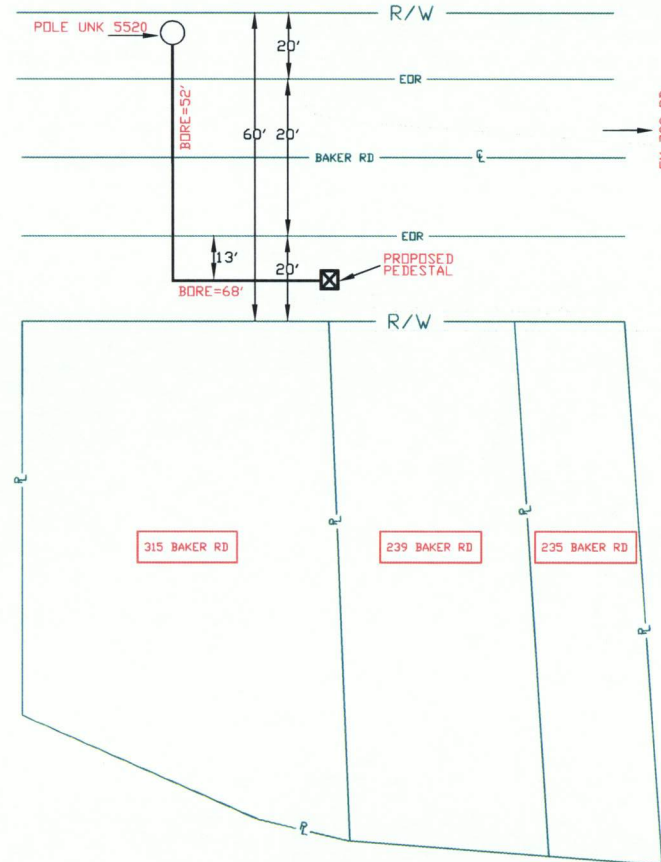
NTS



TYPICAL BORE
CROSS-SECTION

NTS

FORT BEND COUNTY NOTIFICATION



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

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 A0196YG

TOT.PRINTS 92 PRINT NO. 90
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-RDSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM DRAWN LF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF. 6046

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

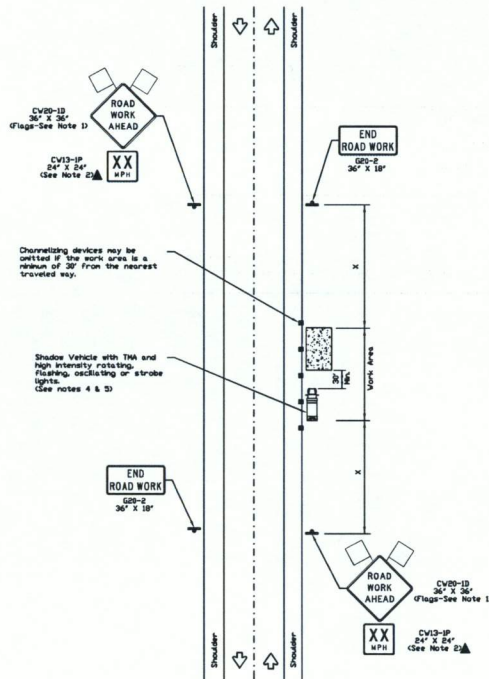
REV. NUMBER

DATE REV.



--Proprietary--

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



WORK SPACE NEAR SHOULDER

TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES	SIGN SPACING	BUFFER SPACE
CUMINGS RD	35	225'	35'	70'	160'
FM 723 RD	55	605'	55'	110'	500'
CRIS RD	30	165'	30'	60'	120'
RUSTIC LN	30	165'	30'	60'	120'
CAY RD	30	165'	30'	60'	120'

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 mi/h	Formula a	Minimum Desirable Taper Length ft	Suggested Minimum Spacing of Channelizing Devices ft	Minimum Sign Spacing ft	Suggested Longitudinal Buffer Space ft
30	$L = \frac{V^2}{60}$	15'	15'	30'	100'
35		15'	15'	30'	100'
40		20'	20'	40'	120'
45		25'	25'	50'	150'
50		30'	30'	60'	180'
55		35'	35'	70'	210'
60		40'	40'	80'	240'
65		45'	45'	90'	270'
70		50'	50'	100'	300'
75		55'	55'	110'	330'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper; D=Width of Offset; T=Posted Speed/60

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 Shoulder 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 Shoulder Vehicle and TMA.
- Additional Shoulder 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) 881-3655 five (5) days prior to the start of construction.

PROJECT TITLE	DRAWN BY: BSH	HCSD STANDARD
	CHECKED BY: BSH	38
	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN (SHOULDER WORK)	
	SCALE: N.T.S.	
	DATE: 5/26/14	
	APPROVED BY:	SHEET NO: /

SPECIAL CIRCUITS N
6203 FORWARDED N
PERMIT REQUIRED N



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO.91
NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM

DRAWNLF

TELEPHONE NO.(281) 216-2978

REC. REF.

MAP REF.

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.

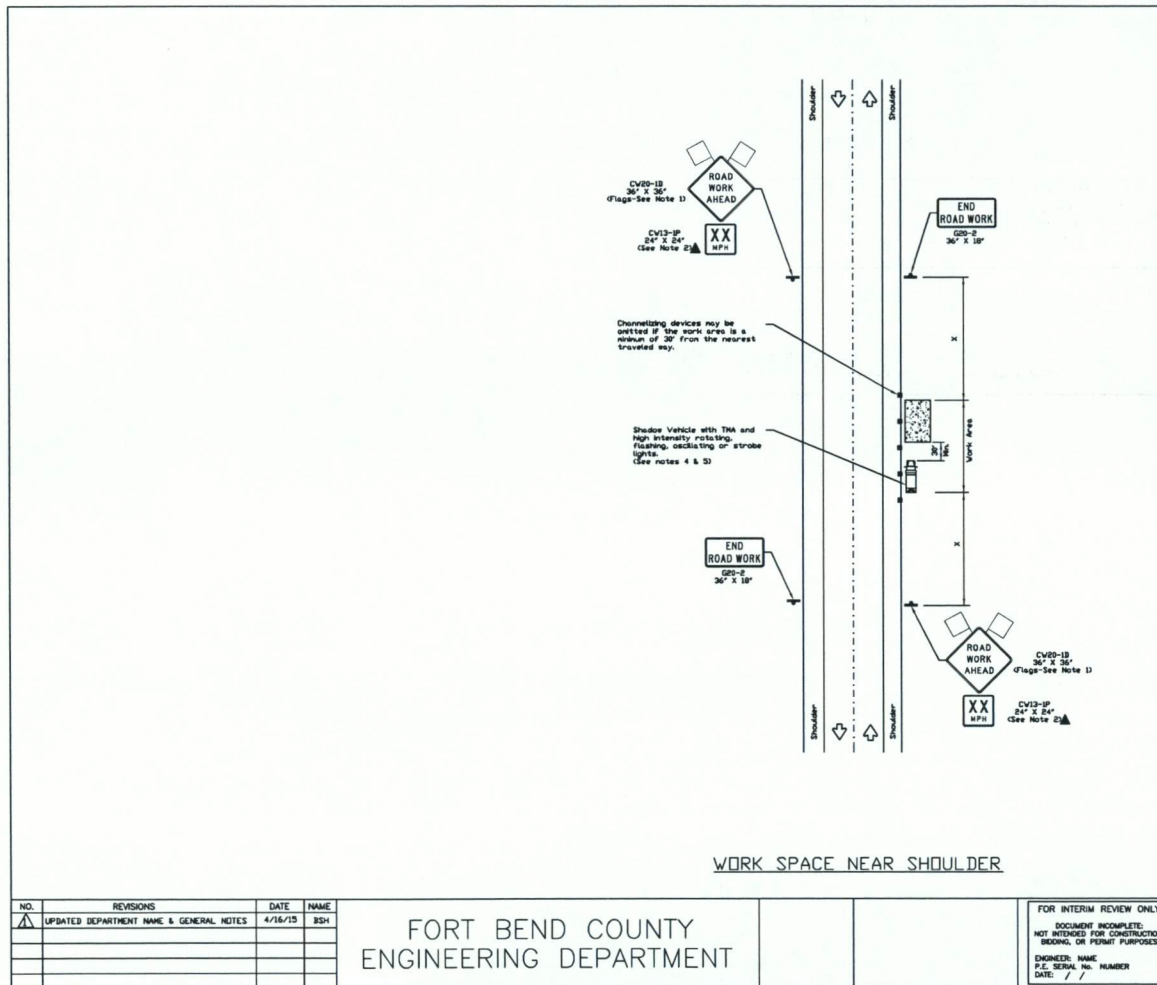
NO.	REVISIONS	DATE	NAME
1	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH

FORT BEND COUNTY
ENGINEERING DEPARTMENT

FOR INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE:
NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES
ENGINEER: NAME
P.E. SERIAL No. NUMBER
DATE: / /

--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 (Feet)	SPACING SIGNS (Feet)	BUFFER SPACE
HAMBLE RD	30	165'	30'	60'	120'
BAKER RD	30	165'	30'	60'	120'
PERRY ST	30	165'	30'	60'	120'

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

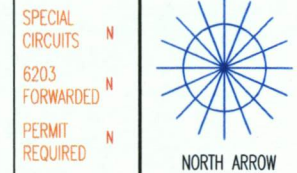
Posted Speed	Formulas	Minimum Barricade Taper Lengths	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing	Suggested Longitudinal Buffer Spacing
30	150'	165'	30'	60'	120'
35	165'	180'	30'	70'	130'
40	180'	195'	30'	80'	140'
45	195'	210'	30'	90'	150'
50	210'	225'	30'	100'	160'
55	225'	240'	30'	110'	170'
60	240'	255'	30'	120'	180'
65	255'	270'	30'	130'	190'
70	270'	285'	30'	140'	200'
75	285'	300'	30'	150'	210'

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.
- Channelizing devices should be placed near the right-of-way line and not parked on the paved shoulder.
- A Shade Vehicle with a TMA should be used anytime it can be positioned 20 to 30 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 Shade Vehicle and TMA.
- Additional Shade Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect side work spaces.
- Contractor shall provide and install traffic control devices in conformance with part VI of Texas Manual on Uniform Traffic Control Devices (TMUD) - 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) 861-3532 five (5) days prior to the start of construction.

PROJECT TITLE:

DRAWN BY: BSH	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN (SHOULDER WORK)	HSR STANDARD: 38
CHECKED BY: BSH	DATE: 5/26/14	SHEET NO: /
APPROVED BY: /		



OPERATING RANGE OF JOB STEPS
 TASK _____ TO _____
 MFRC

TRANSMISSION ZONE
 RZ 0 CZ 0 TAPER CODE

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 A0196YG

TOT.PRINTS 92 PRINT NO. 92
 NPA/NNX: 281-232 PRT: 281232

EXCH. RICH-ROSE

TAX DIST. FG009

GEO LOC. W89232

ENGR. SM DRAWNLF

TELEPHONE NO. (281) 216-2978

REC. REF.

MAP REF.

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4122PA-DIST-RR

REV. NUMBER

DATE REV.

Velasquez, Courtney

From: Velasquez, Courtney
Sent: Monday, September 10, 2018 11:30 AM
To: Velasquez, Courtney
Subject: FW: 2018-23121and 23140 - 115 FM 723 Cummings Rd Project.

From: Grewing, Aaron <GrewingA@bv.com>
Sent: Monday, September 10, 2018 10:44 AM
To: Velasquez, Courtney <Courtney.Velasquez@fortbendcountytexas.gov>
Cc: KEMP, SEAN P <sk8591@att.com>; Banning, Adam <BanningA@bv.com>; Houston Lightgig <HouLG@bv.com>; Peterson, Jillian <Jillian.Peterson@fortbendcountytexas.gov>; Eglinton, Sean <Sean.Eglinton@fortbendcountytexas.gov>
Subject: RE: 2018-23121 - 115 FM 723 Cummings Rd Project.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Courtney,

I acknowledge that we have applied for the additional areas needed in this project. Other than the Fort Bend permits we submitted, we have also applied for two permits in the TxDot ROW. No additional permits or entities were required for this project.

Please feel free to email back for any questions you may have regarding these permits.

Thank You,

Aaron Grewing, OSP Engineer Specialist 2, Telecom Division

Black & Veatch | 5400 Lyndon B Johnson Fwy Suite 975, Dallas, TX

+1 469-914-4150 P GrewingA@bv.com*Licensed in State

Building a World of Difference.®

From: Banning, Adam
Sent: Monday, September 10, 2018 10:26 AM
To: Grewing, Aaron <GrewingA@bv.com>
Cc: KEMP, SEAN P <sk8591@att.com>
Subject: FW: 2018-23121 - 115 FM 723 Cummings Rd Project.

Aaron,

Please respond to the email below from Fort Bend county in reference to Rich Rose 4122PA.

Thanks,

Adam

Adam Banning, E.I.T. | OSP Engineer - Houston Market Lead, Telecommunications

Black & Veatch | 6800 W 115th St Suite 2292, Overland Park, KS 66211

+1 913-458-2215 P | BanningA@BV.com

Building a World of Difference.®

Please consider the environment before printing my email

Please do not print this email unless you absolutely have to. If you do not need to print this email, please do not print it. If you do need to print it, please print it on one side of the paper. Please do not print this email if you are not the intended recipient. If you are the intended recipient, please do not print this email if you are not the intended recipient. If you are the intended recipient, please do not print this email if you are not the intended recipient.

From: Houston Lightgig
Sent: Monday, September 10, 2018 10:15 AM
To: Banning, Adam <BanningA@bv.com>
Subject: FW: 2018-23121 - 115 FM 723 Cummings Rd Project.

Adam Banning, E.I.T. | OSP Engineer - Houston Market Lead, Telecommunications

Black & Veatch | 6800 W. 115th St. Suite 2292, Overland Park, KS 66211

+1 913-458-2215 P | BanningA@BV.com

Building a World of Difference.®

Please consider the environment before printing my email

Please do not print this email unless you absolutely have to. If you do not need to print this email, please do not print it. If you do need to print it, please print it on one side of the paper. Please do not print this email if you are not the intended recipient. If you are the intended recipient, please do not print this email if you are not the intended recipient. If you are the intended recipient, please do not print this email if you are not the intended recipient.

From: KEMP, SEAN P [<mailto:sk8591@att.com>]
Sent: Monday, September 10, 2018 9:46 AM
To: Houston Lightgig <HouLG@bv.com>; Munn, Samuel (Brent) <MunnB@bv.com>
Subject: RE: 2018-23121 - 115 FM 723 Cummings Rd Project.

Have we applied for all other permits pertaining to this project?

From: KEMP, SEAN P
Sent: Saturday, September 08, 2018 5:41 PM
To: HouLG@bv.com; 'Brent Munn' <MunnB@bv.com>
Subject: RE: 2018-23121 - 115 FM 723 Cummings Rd Project.

Have we applied for all other permits pertaining to this project?

From: Velasquez, Courtney <Courtney.Velasquez@fortbendcountytexas.gov>
Sent: Friday, September 07, 2018 9:51 AM
To: KEMP, SEAN P <sk8591@att.com>; HouLG@bv.com
Cc: Peterson, Jillian <Jillian.Peterson@fortbendcountytexas.gov>; Eglinton, Sean <Sean.Eglinton@fortbendcountytexas.gov>
Subject: 2018-23121 - 115 FM 723 Cummings Rd Project.

Good Morning,

I have reviewed the above referenced permit, thank you for including only FBC maintained road.

To finish processing this permit I will just need an email acknowledgement confirming that you have applied to the other entities in the area (city of Rosenberg, TxDot, etc.) if needed.

Please reply to this email as your acknowledgement and we can move this permit forward.

Thank you have a great weekend.

Courtney Velasquez

Clerk III

Fort Bend County Engineering

301 Jackson St., Suite 401 | Richmond, TX 77469

Email: Courtney.Velasquez@fortbendcountytexas.gov

Phone: 281-633-7516

Velasquez, Courtney

From: Velasquez, Courtney
Sent: Monday, September 10, 2018 9:42 AM
To: 'sk8591@att.com'; 'HOULG@bv.com'
Cc: Peterson, Jillian; Eglinton, Sean
Subject: Permit 2018-23140 and 2018-23121 - 115 FM 723 permit acknowledgement.

Good Morning, I sent the email below on Friday in reference to Permit 2018-23121 and I see that there is another Permit application 2018-23140 for the same area.

As requested below, on both permit application is you will **simply reply to this email and acknowledge that you have indeed applied for permits from the entities** in the area such as TxDOT etc. Then I will be able to process this permit for you.

Thank you,

Courtney Velasquez
Clerk III
Fort Bend County Engineering
301 Jackson St., Suite 401 | Richmond, TX 77469
Email: Courtney.Velasquez@fortbendcountytx.gov
Phone: 281-633-7516

From: Velasquez, Courtney
Sent: Friday, September 07, 2018 9:51 AM
To: 'sk8591@att.com' <sk8591@att.com>; 'HOULG@bv.com' <HOULG@bv.com>
Cc: Peterson, Jillian <Jillian.Peterson@fortbendcountytx.gov>; Eglinton, Sean <Sean.Eglinton@fortbendcountytx.gov>
Subject: 2018-23121 - 115 FM 723 Cummings Rd Project.

Good Morning,

I have reviewed the above referenced permit, thank you for including only FBC maintained road.

To finish processing this permit I will just need an email acknowledgement confirming that you have applied to the other entities in the area (city of Rosenberg, TxDot, etc.) if needed.

Please reply to this email as your acknowledgement and we can move this permit forward.

Thank you have a great weekend.

Courtney Velasquez
Clerk III
Fort Bend County Engineering
301 Jackson St., Suite 401 | Richmond, TX 77469
Email: Courtney.Velasquez@fortbendcountytx.gov
Phone: 281-633-7516