

**REVIEW BY FORT BEND COUNTY  
COMMISSIONERS COURT**

12C  
**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: 2018-22593

**Applicant:** AT&T Texas/Black & Veatch

**Job Location Site:** 1226 US 90A E, Richmond, TX 77406

**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 28th day of August, 2018, Upon Motion of Commissioner Meyer, 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:

Sean Eglinton  
County Engineer

Presented to Commissioners Court and approved.

Date Recorded 08-31-2018 Comm. Court No. 12C

N/A

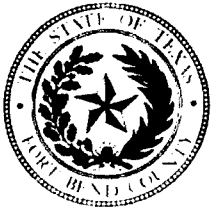
By:

Drainage District Engineer/Manager

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: 2018-22593

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.**

                      
Permit Administrator

8/17/2018

                      
Date



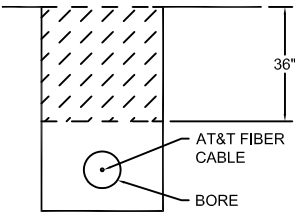
BLACK & VEATCH

DESIGN ENGINEER CONTACT:  
AARON GREWING  
BLACK & VEATCH  
(469) 914-4150  
GREWINGA@BV.COM

FORT BEND COUNTY  
PERMIT #  
SHOWN ON PRINT #4 & #5

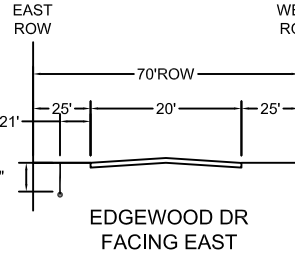
DESIGN SUMMARY:

- BORE AND PLACE FIBER



AT&T FIBER CABLE  
BORE

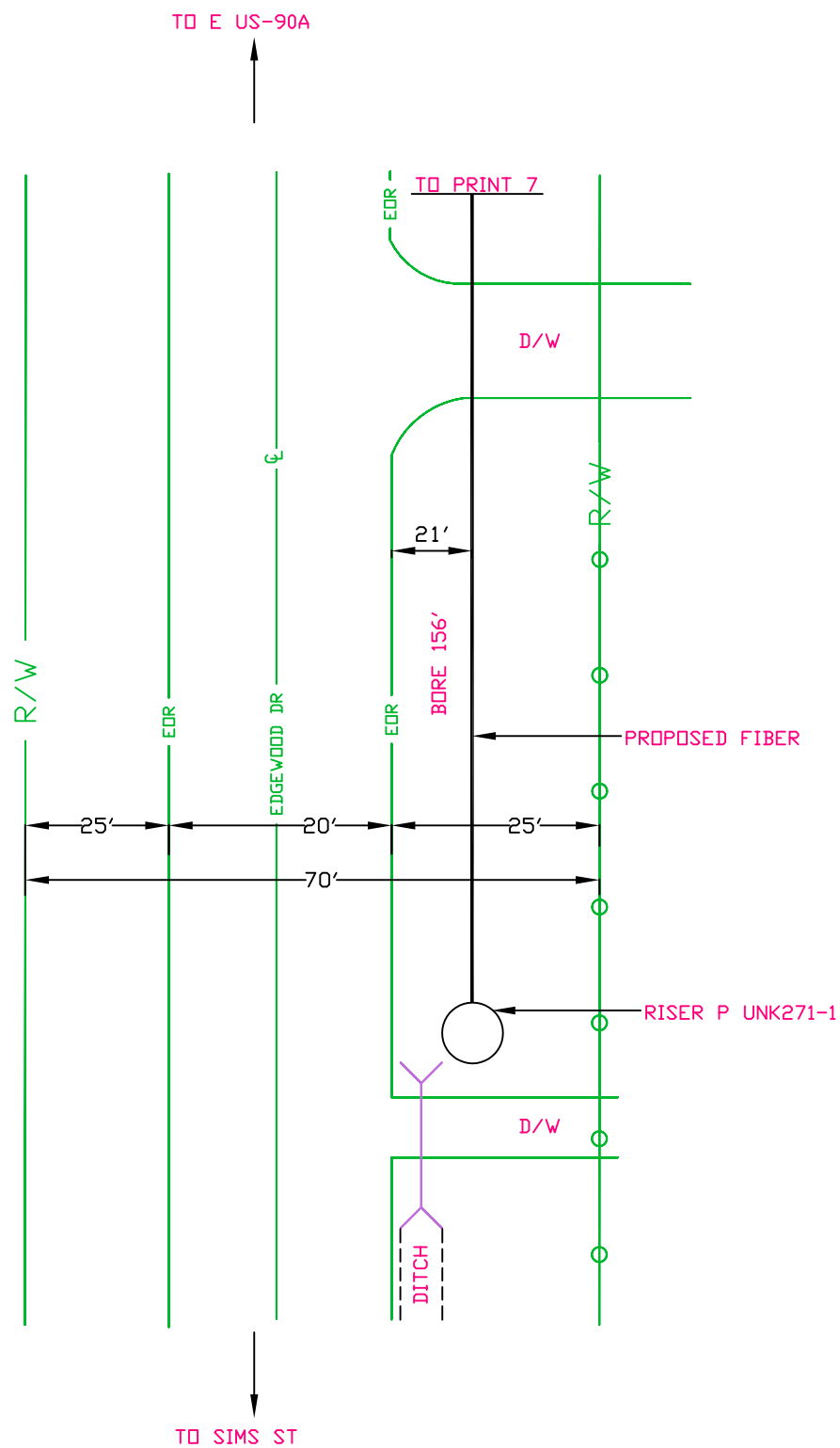
BORE DETAILNTS

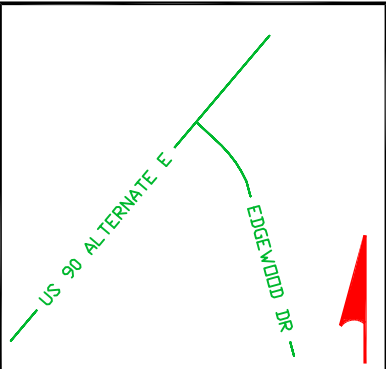


EAST ROW  
WEST ROW  
70' ROW  
21'  
25'  
20'  
25'  
36"  
EDGEWOOD DR  
FACING EAST

TYPICAL CROSS-SECTIONNTS

FORT BEND COUNTY NOTIFICATION

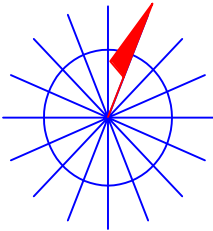




US 90 ALTERNATE E  
EDGEWOOD DR

APPROXIMATE LOCATION MAP


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

SPECIAL CIRCUITS	N	 NORTH ARROW
6203 FORWARDED	N	
PERMIT REQUIRED	Y	
OPERATING RANGE OF JOB STEPS		
TASK _____ TO _____		
MFRC		
TRANSMISSION ZONE		
RZ 0	CZ 0	TAPER CODE 1620PB
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 A01BPNM		
TOT.PRINTS 11 PRINT NO.8		
NPA/NNX: 281-232 PRT:281232		
EXCH. RICH-ROSE		
TAX DIST. FG009		
GEO LOC. W89232		
ENGR. DG DRAWN ZA		
TELEPHONE NO. (713) 213-2691		
REC. REF.		
MAP REF. 565Z		
SCALE NONE		
ISSUE DATE		
PROJ TITLE TXHRR LG PFP 1620PB		
REV. NUMBER		
DATE REV.		



Know what's below.  
Call before you dig.

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



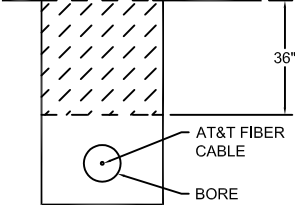
BLACK & VEATCH

DESIGN ENGINEER CONTACT:  
AARON GREWING  
BLACK & VEATCH  
(469) 914-4150  
GREWINGA@BV.COM

FORT BEND COUNTY  
PERMIT #  
SHOWN ON PRINT # 6

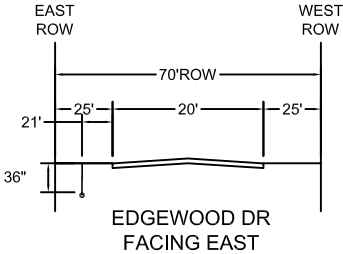
DESIGN SUMMARY:

- PLACE (1) PFP CABINET ON (1) 55"X50"X4" POUR-IN-PLACE CONCRETE PAD
- HAND DIG AND PLACE PFP TAILS



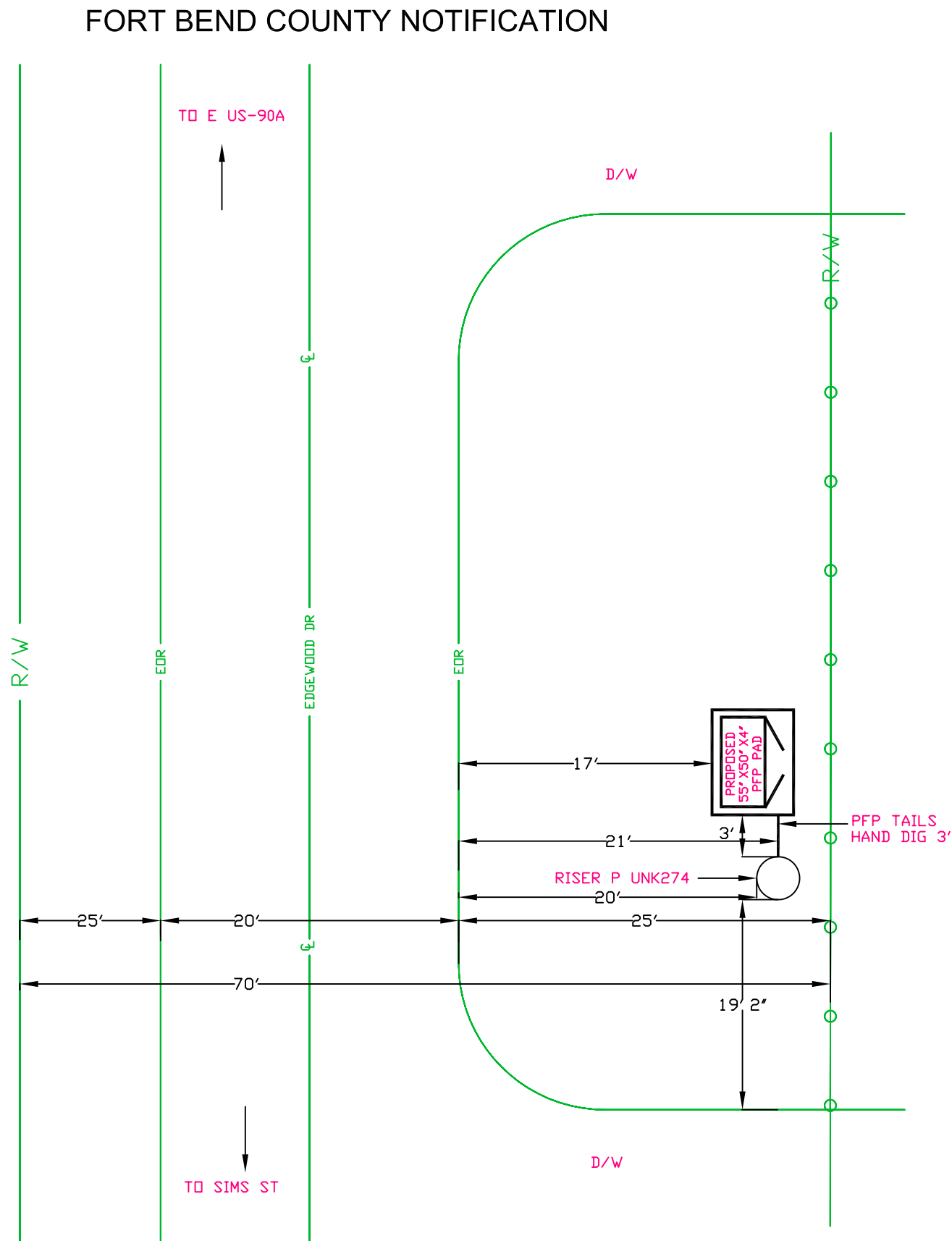
BORE DETAIL

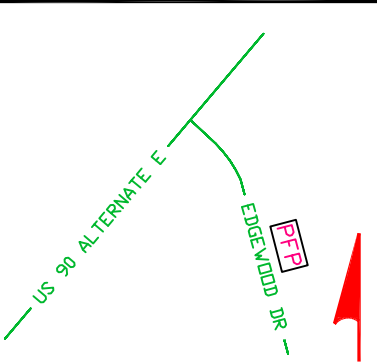
NTS



TYPICAL CROSS-SECTION

NTS





APPROXIMATE LOCATION MAP

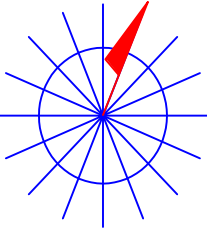
PFP ADDRESS:  
R 1226-1 US 90A E  
RICHMOND, TX 77406

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 1620PB

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 A01BPNM

TOT.PRINTS 11 PRINT NO. 9

NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. F6009

GEO LOC. W89232

ENGR. DG DRAWN ZA

TELEPHONE NO. (713) 213-2691

REC. REF.

MAP REF. 565Z

SCALE NONE

ISSUE DATE

PROJ TITLE TXHRR LG PFP 1620PB

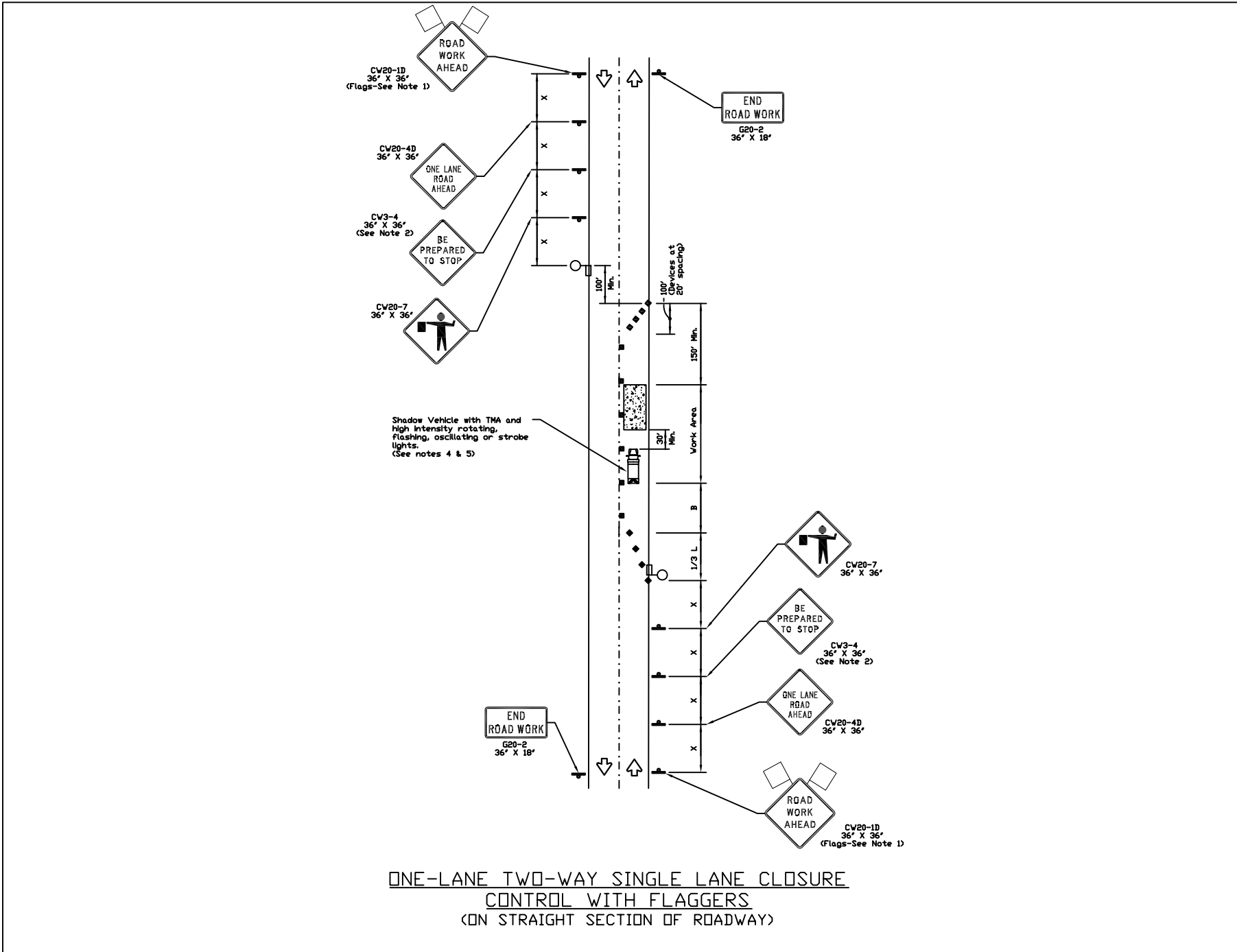
REV. NUMBER

DATE REV.



Know what's below.  
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DIGGING: 1-800-344-8377 OR 811



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

FORT BEND COUNTY  
ENGINEERING DEPARTMENT

TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES		SIGN SPACING	BUFFER SPACE
			TAPER	TANGENT		
EDGEWOOD DR	30	150'	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 "S"	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	$L = \frac{V^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=VS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70	L=VS	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) V=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.
- Flaggers should use two-way radios or other methods of communication to control traffic.
- Length of work space should be based on the ability of flaggers to communicate.
- If the work space is located near horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distances to the flagger and a queue of stopped vehicles (see table above).
- Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
- Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.
- No lanes shall be blocked from 7am to 9am and 4pm to 630pm Monday thru Friday.
- Off duty police officers required to direct traffic when applicable.
- 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.

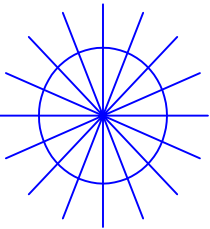
PROJECT TITLE:

DRAWN BY:	BSH	HCD STANDARD
CK'D BY:	BSH	
SCALE:	W.T.S.	SHEET NO:
DATE:	6/26/14	
APPROVED BY:		/

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 1620PB

CAUTION HIGH VOLTAGE

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POLE CONTACTS (+) 0 (-) 0

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

PROJECT NO A01BPNM

TOT.PRINTS 11 PRINT NO. 11

NPA/NNX: 281-232 PRT:281232

EXCH. RICH-ROSE

TAX DIST. F6009

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TELEPHONE NO. (713) 213-2691

REC. REF.

MAP REF.

SCALE NONE

ISSUE DATE

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