



**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: 2017-17221

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: [REDACTED] 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

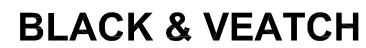
We have reviewed this project and agree it meets minimum requirements.



Permit Administrator

12/8/2017

Date



DESIGN ENGINEER CONTACT:
BRENT MUNN
BLACK & VEATCH
(913) 458-7432
MUNNB@BV.COM

FORT BEND COUNTY
PERMIT: 1
SHOWN ON PRINT: 20

FORT BEND COUNTY NOTIFICATION

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



SPECIAL CIRCUITS N
6203 N
FORWARDED N
PERMIT N
REQUIRED N

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE

RZ 0	CZ 0	TAPER CODE 4326LB
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CAUTION HIGH VOLTAGE

KV	0.00	AERIAL	N	BURIED	N
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HIGHWAY PERMIT NO.

Utility CO CENT - CENTER POINT

REP NAME
REP TEL NO. (713) 207-2222
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 A00XCLY

TOT.PRINTS 22 PRINT NO. 20

NPA/NNX: 281-498 PRT:281498

EXCH. ALIEF

TAX DIST. FG109

GEO LOC. W85498

ENGR. SK DRAWN CD

TELEPHONE NO. (281) 298-5803

REC.	REF.

MAP REF.

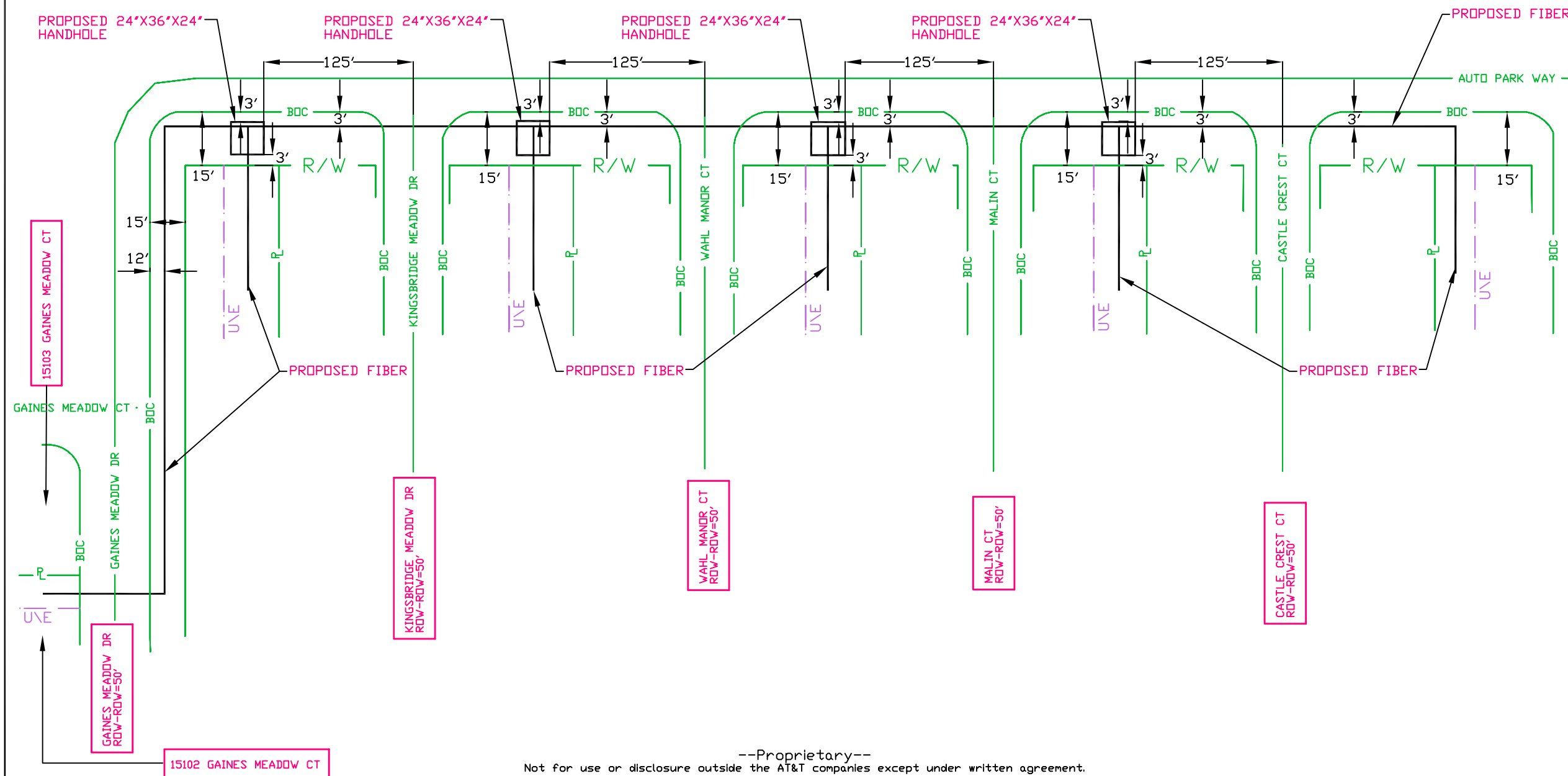
SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4326LB-DIST-AF

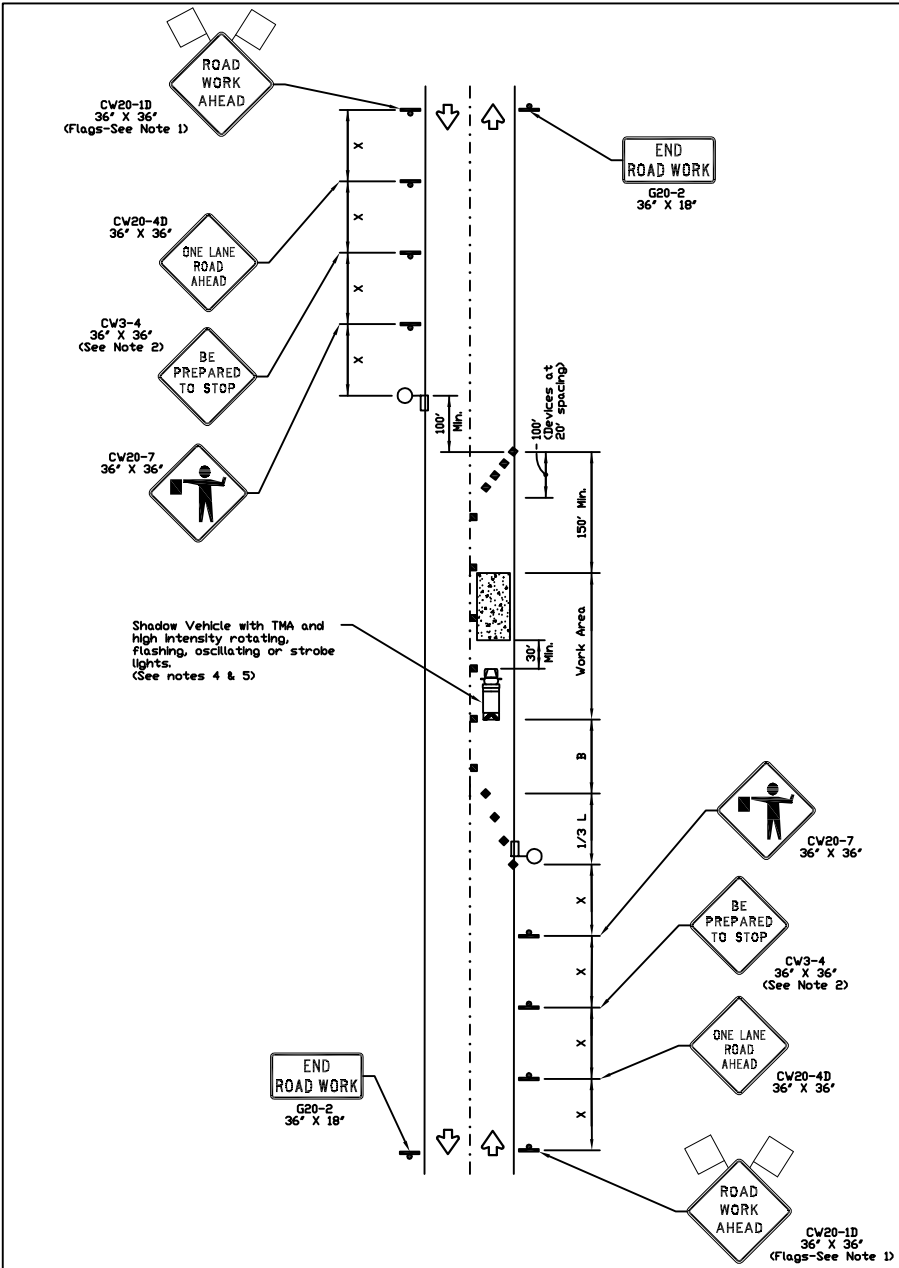
REV. NUMBER 1

DATE REV. 11/15/2017



--Proprietary--

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ONE-LANE TWO-WAY SINGLE LANE CLOSURE
CONTROL WITH FLAGGERS
(ON STRAIGHT SECTION OF ROADWAY)

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: / /

PROJECT TITLE:	
DRAWN BY: BSH	HCED STANDARD 39
CK'D BY: BSH	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN (ONE-LANE, TWO-WAY OPERATION)
SCALE: N.T.S.	SHEET NO: /
DATE: 6/26/14	APPROVED BY:

TRAFFIC CONTROL PLAN SECTION SHALL BE
COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES		SIGN SPACING	BUFFER SPACE
			TAPER	TANGENT		
CASTLE CREST CT	30	180'	30'	60'	120'	90'
MAIN CT	30	180'	30'	60'	120'	90'
VAHL MANDR CT	30	180'	30'	60'	120'	90'
KINGSBRIDGE MEADOW DR	30	180'	30'	60'	120'	90'
GAINES MEADOW DR	30	180'	30'	60'	120'	90'

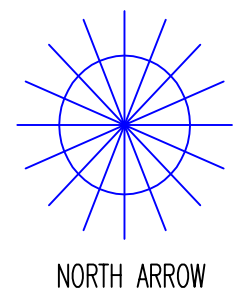
LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed "S"	Formula L = VS^2 / 60	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	
30	L=VS	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		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		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'

* 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.
 - 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/SLDW paddles to control traffic. Flags should be limited to emergency situations.
 - No lanes shall be blocked from 7am to 9am and 4pm to 6:30pm 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) 861-3210 five (5) days prior to the start of construction.

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 4326LB

CAUTION HIGH VOLTAGE
KV 7.20 AERIAL N BURIED N

HIGHWAY PERMIT NO.

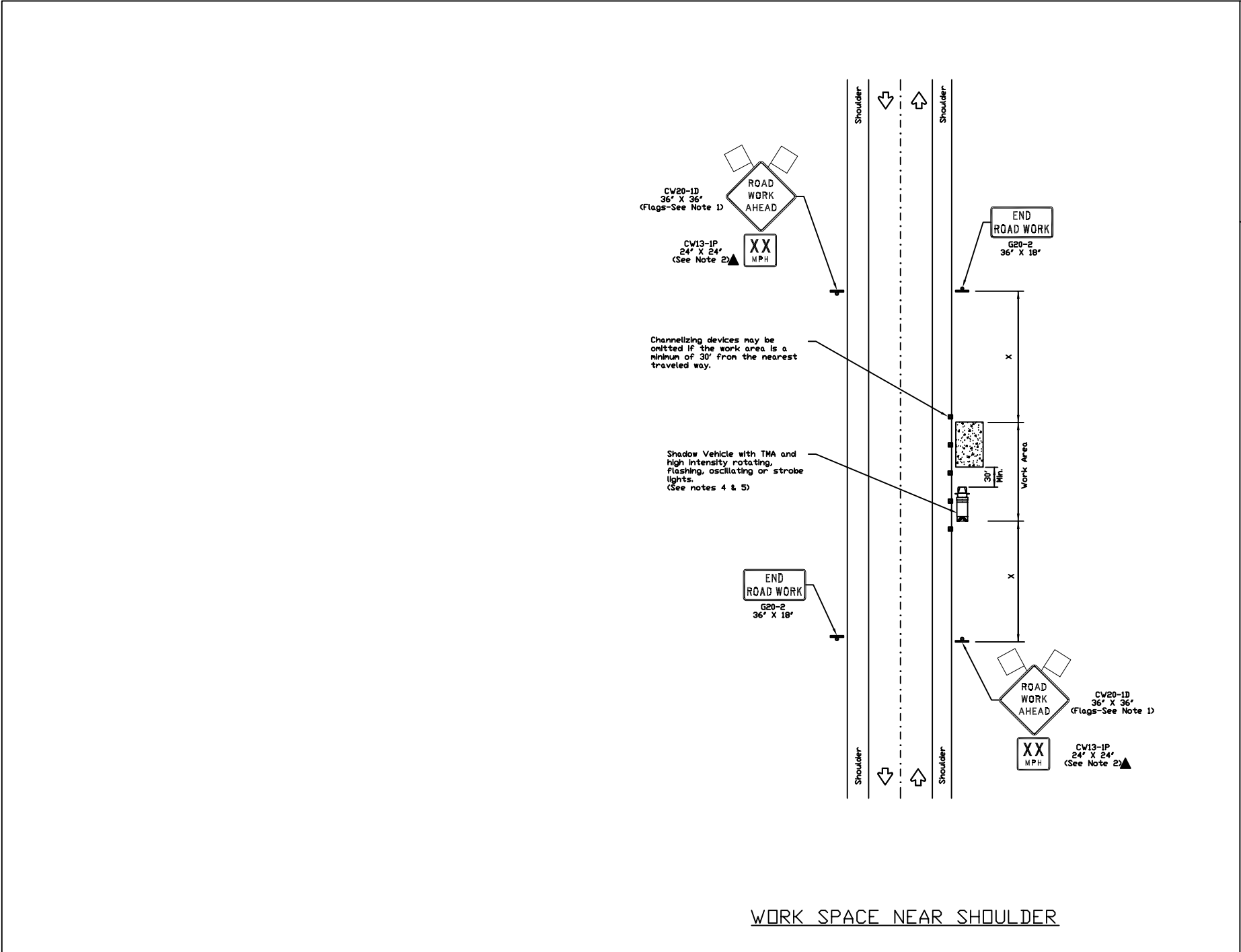
Utility CO CENT - CENTER POINT
REP NAME
REP TEL NO. (713) 207-2222
POLE CONTACTS (+) 0 (-) 0

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

Utility CO
REP NAME
REP TEL NO.
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PROJECT NO A00XCLY

TOT.PRINTS 22 PRINT NO. 23
NPA/NNX: 281-498 PRT:281498
EXCH. ALIEF
TAX DIST. FG109
GEO LOC. W85498
ENGR. SK DRAWN CD
TELEPHONE NO. (281) 298-5803
REC. REF. 240-285-53
MAP REF.
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4326LB-DIST-AF
REV. NUMBER 1
DATE REV.



TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES		SIGN SPACING	BUFFER SPACE
			TAPER	TANGENT		
OLD ADDICKS-HOWELL RD	45	540'	45'	90'	320'	195'
AUTO PARK WAY	30	180'	30'	60'	120'	90'
GAINES MEADOW DR	30	180'	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)
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65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75	L = WS	750'	825'	900'	75'	150'	900'	540'

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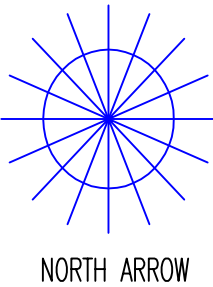
NO.	REVISIONS	DATE	NAME
1	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH

FORT BEND COUNTY ENGINEERING DEPARTMENT				FOR INTERIM REVIEW ONLY	PROJECT TITLE:	
				DOCUMENT INCOMPLETE: NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES	DRAWN BY: BSH	HCD STANDARD 38
				ENGINEER: NAME P.E. SERIAL No. NUMBER DATE: / /	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN (SHOULDER WORK)	SHEET NO: /

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 4326LB

CAUTION HIGH VOLTAGE

KV 7.20 AERIAL N BURIED N

HIGHWAY PERMIT NO.

Utility CO CENT - CENTER POINT

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Utility CO

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REP TEL NO.

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REP TEL NO.

POLE CONTACTS (+) 0 (-) 0

PROJECT NO A00XCLY

TOT.PRINTS 22 PRINT NO.24

NPA/NNX: 281-498 PRT:281498

EXCH. ALIEF

TAX DIST. FG109

GEO LOC. W85498

ENGR. SK DRAWN CD

TELEPHONE NO. (281) 298-5803

REC. REF. 240-285-53

MAP REF.

SCALE NONE

ISSUE DATE

PROJ TITLE LIGHTGIG-4326LB-DIST-AF

REV. NUMBER 1

DATE REV.