

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

12K

On this 28 day of APRIL, 2015, Commissioners Court came on to be heard and reviewed the accompanying notice of

WILLIAMS DEVELOPMENT & CONSTRUCTION, INC.

Job Location SOUTH FRY ROAD

Dated 04/14/15 Bond No. 61BCSEM8311, Permit No. 84821

to make use of certain Fort Bend County property subject to, "A Revised 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, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner Meyus, seconded by Commissioner Prestage, duly put and carried, it is ORDERED, ADJUGED 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.

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

Mail notices to: Permit Administrator
Fort Bend County Engineering
301 JACKSON STREET
RICHMOND, Texas 77469
281-633-7500

3. This permit expires one (1) year from date of permit if construction has not commenced.

By [Signature]
County Engineer

By N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Recorded in Volume 4-28-15
Minutes of Commissioners Court.

Clerk of Commissioners Court
By [Signature]
Deputy

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD, COMMERCIAL
DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS**

AUTHORIZED

BOND NO. 61BCSEM8311

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, Williams Development & Construction, Inc. whose address is 8990 Hempstead, #200, Houston Texas, hereinafter called the Principal, And Hartford Casualty Insurance Company, a Corporation existing under and by virtue of the laws of the state of Connecticut and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at 690 Asylum Avenue, Hartford, CT 06115, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Christian Sivak and Whose address is 3000 Internet Drive, Suite #600, Frisco, TX 75034, hereinafter called the Surety, and held and firmly bound unto, Robert e. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Five Thousand and No/100 Dollars (\$5,000.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

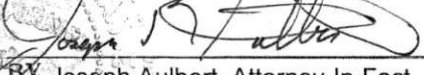
It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

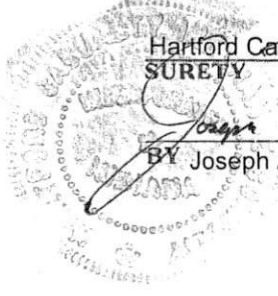
EXECUTED this 13th day of April, 20 15.

Williams Development & Construction, Inc.
PRINCIPAL


BY

Hartford Casualty Insurance Company
SURETY


BY Joseph Aulbert, Attorney-In-Fact



POWER OF ATTORNEY

Direct Inquiries/Claims to:

THE HARTFORD

BOND, T-4

One Hartford Plaza

Hartford, Connecticut 06155

call: 888-266-3488 or fax: 860-757-5835

Agency Code: 61-611452

KNOW ALL PERSONS BY THESE PRESENTS THAT:

- Hartford Fire Insurance Company, a corporation duly organized under the laws of the State of Connecticut
- Hartford Casualty Insurance Company, a corporation duly organized under the laws of the State of Indiana
- Hartford Accident and Indemnity Company, a corporation duly organized under the laws of the State of Connecticut
- Hartford Underwriters Insurance Company, a corporation duly organized under the laws of the State of Connecticut
- Twin City Fire Insurance Company, a corporation duly organized under the laws of the State of Indiana
- Hartford Insurance Company of Illinois, a corporation duly organized under the laws of the State of Illinois
- Hartford Insurance Company of the Midwest, a corporation duly organized under the laws of the State of Indiana
- Hartford Insurance Company of the Southeast, a corporation duly organized under the laws of the State of Florida

having their home office in Hartford, Connecticut, (hereinafter collectively referred to as the "Companies") do hereby make, constitute and appoint, up to the amount of unlimited:

Marc W. Boots, Vickie Lacy, P.T. Osburn, Richard Covington, Maria D. Zuniga, Joseph Aulbert
of
Houston, TX

their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety(ies) only as delineated above by , and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

In Witness Whereof, and as authorized by a Resolution of the Board of Directors of the Companies on August 1, 2009 the Companies have caused these presents to be signed by its Vice President and its corporate seals to be hereto affixed, duly attested by its Assistant Secretary. Further, pursuant to Resolution of the Board of Directors of the Companies, the Companies hereby unambiguously affirm that they are and will be bound by any mechanically applied signatures applied to this Power of Attorney.



Wesley W. Cowling

Wesley W. Cowling, Assistant Secretary

M. Ross Fisher

M. Ross Fisher, Vice President

STATE OF CONNECTICUT

COUNTY OF HARTFORD

} ss. Hartford

On this 12th day of July, 2012, before me personally came M. Ross Fisher, to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is the Vice President of the Companies, the corporations described in and which executed the above instrument; that he knows the seals of the said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed by authority of the Boards of Directors of said corporations and that he signed his name thereto by like authority.



CERTIFICATE

Kathleen T. Maynard

Kathleen T. Maynard
Notary Public
My Commission Expires July 31, 2016

I, the undersigned, Vice President of the Companies, DO HEREBY CERTIFY that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is still in full force effective as of 13th day of April, 2015.

Signed and sealed at the City of Hartford.



Gary W. Stumper

Gary W. Stumper, Vice President



Claims Inquiries Notice

Hartford Fire Insurance Company
Hartford Casualty Insurance Company
Hartford Accident and Indemnity Company
Hartford Underwriters Insurance Company

Twin City Insurance Company
Hartford Insurance Company of Illinois
Hartford Insurance Company of the Midwest
Hartford Insurance Company of the Southwest

Please address inquiries regarding **Claims** for all surety and fidelity products issued by The Hartford's underwriting companies to the following:

Phone Number: : 888-266-3488
Fax – Claims : 860-757-5835 or 860-547-8265
E-mail : bond.claims@thehartford.com

Mailing Address : The Hartford
BOND, T-4
690 Asylum Avenue
Hartford, CT 06115

COUNTY OF FORT BEND

Engineering Department

301 JACKSON STREET
RICHMOND, Texas 77469

Johnny Ortega
Permit Administrator

1124 Blume Road
Phone: (281) 633-7500

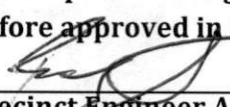
PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

PERMIT NO. 084821

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 direction.
 - c. Plans and specifications.

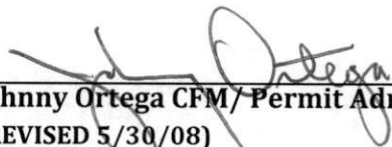
- (2) Bond:
- District Attorney, approval when applicable.
 - Perpetual bond currently posted.
No. _____
Amount _____
 - Performance bond submitted.
No. 61BCSEM8311
Amount \$5,000.00
 - Cashier's Check.
No. _____
Amount _____

- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.
- 

Precinct Engineer Acknowledgment 04-21-15
Date
- _____
Precinct Commissioner Acknowledgment _____
Date

- (4) _____
Drainage District Approval when applicable

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



Johnny Ortega CFM/ Permit Administrator
(REVISED 5/30/08)

4/14/15

Date

FORT BEND COUNTY ENGINEERING PERMIT DEPARTMENT
CONSTRUCTION OF DRIVEWAYS AND CULVERTS ON COUNTY EASEMENTS AND RIGHT OF WAYS
COMMERCIAL PIPE PERMIT APPLICATION
 1124 BLUME ROAD ROSENBERG, TX 77471
Mailing Address: 301 Jackson Richmond, Texas 77469
 (Phone) 281-633-7502 or 7503 • (Fax) 281-633-7545

APPLICANT INFORMATION

Application No. _____
 (County Use Only)

Applicant Name Cristy Gavlick
 Applicant Mailing Address 970 Chamboard Ln.
 City Houston State Tx Zip 77018
 Work Phone 713-962-0653 Daytime Phone _____
 Property Owner's Name HEB Phone _____
 Property Owner's Mailing Address 6711 S. Fry Rd.
 City Katy State Texas Zip 77494

LOCATION OF PROPERTY

Subdivision HEB-FRY Rd. @ Grand Parkway Sec _____ Lot _____ Blk _____
 Physical Address 6711 S. Fry Rd.

(PLEASE ATTACH SITE MAP)

SITE USE

Driveway Curb & Gutter Section 1
 Culvert Only
 Driveway - Open Ditch Section
 Other

As of 9/1/2014, we will no longer mail out permits. Instead, we will email them.
 Please complete:
 Name: Cristy Gavlick
 Email address: gcpermits@yahoo.com

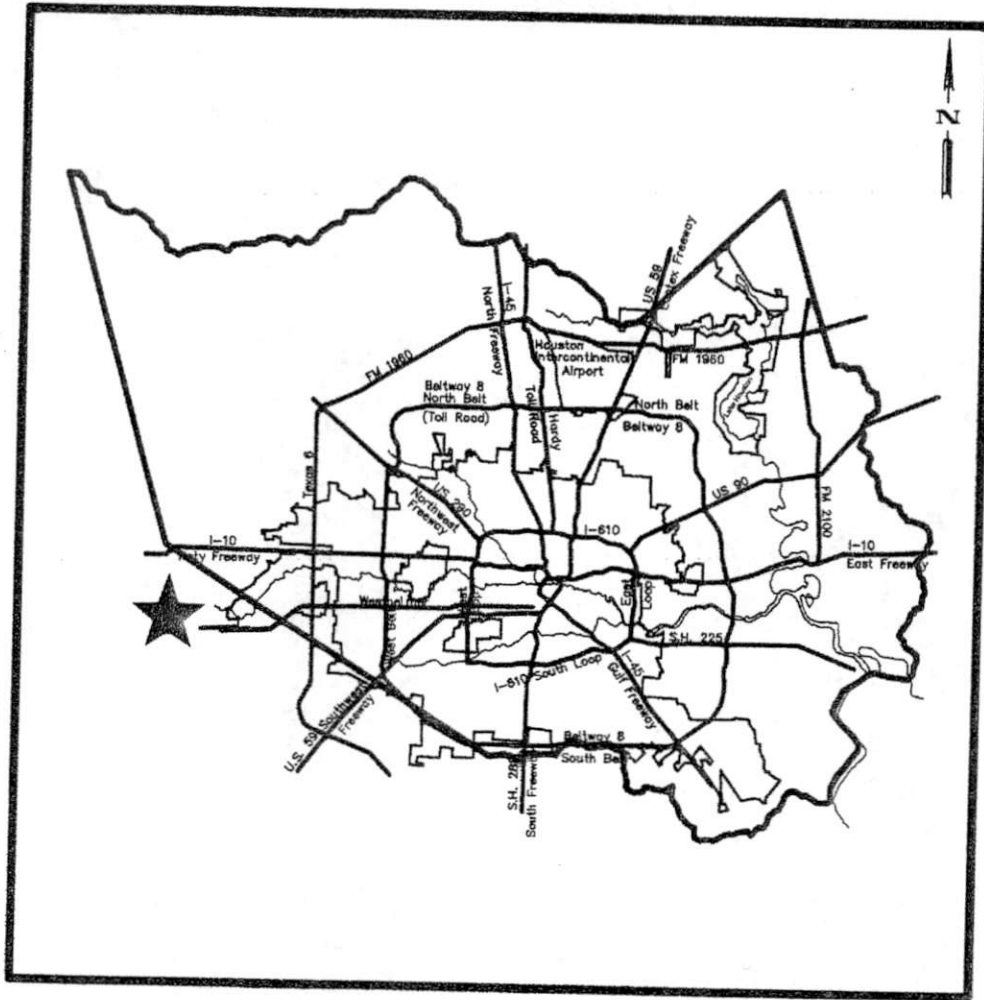
DRIVEWAY REQUIREMENTS

Length 20' minimum and 40' maximum Number of drives 1
 (See - Fort Bend County Procedures to be followed for Commercial Driveway, and Median Openings or Modifications)
 Available on website www.co-fort-bend.tx.us

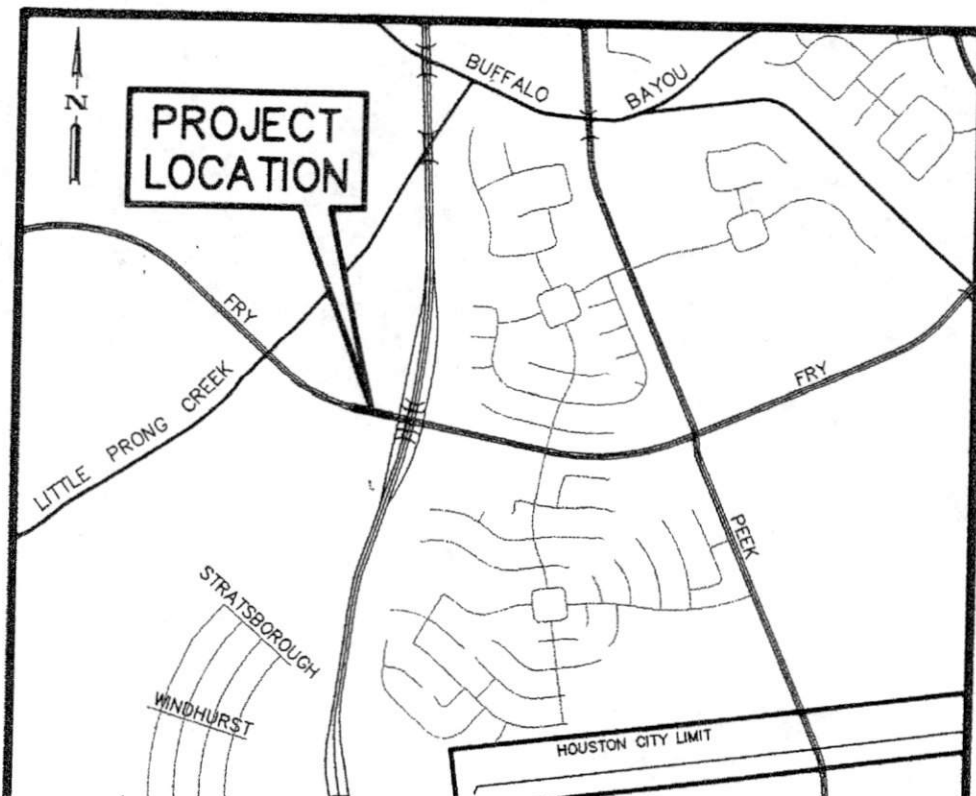
Does project comply with Fort Bend County Lighting Regulation Yes () No ()
 (See- Fort Bend County Outdoor Lighting Regulation on website www.co.fort-bend.tx.us)

- By signing and submitting this permit application, I am stating that I am the owner of this property and I am aware of and agree to abide by the Fort Bend County Regulations of Subdivisions and I am aware of Section 2, Item F in the Permits for the Construction of Driveways & Culverts on County Easements and Right of Ways in Fort Bend County, and am responsible to obtain all other required permits associated with the above mentioned property. Driveway and Pipe Permits shall provide that construction pursuant to the permit will be commenced within six months and be completed within nine months from the date of the permit and that fees collected for said permits shall not be refundable or transferable. I further understand the permit fee, in the form of CASH or PERSONAL CHECK or COMPANY CHECK or a CASHIERS CHECK or MONEY ORDER payable to FORT BEND COUNTY, must be attached.
- The undersigned applicant, agent or attorney hereby certifies to Commissioners' Court to be strictly bound to Commissioners' Court to construct the driveway and/or culvert in strict conformity with the plans, specifications, terms, provisions and conditions of the permit and any other written material incorporated by reference in this application.
- Other permits may be required for development. Please contact the Fort Bend County Road & Bridge Department for pipe sizing or the Fort Bend County Health Department for information on On-Site Sewage Facility permits prior to planning construction.
- Failure to possess or obtain required permits will result in legal action against the property owner as allowed by law.

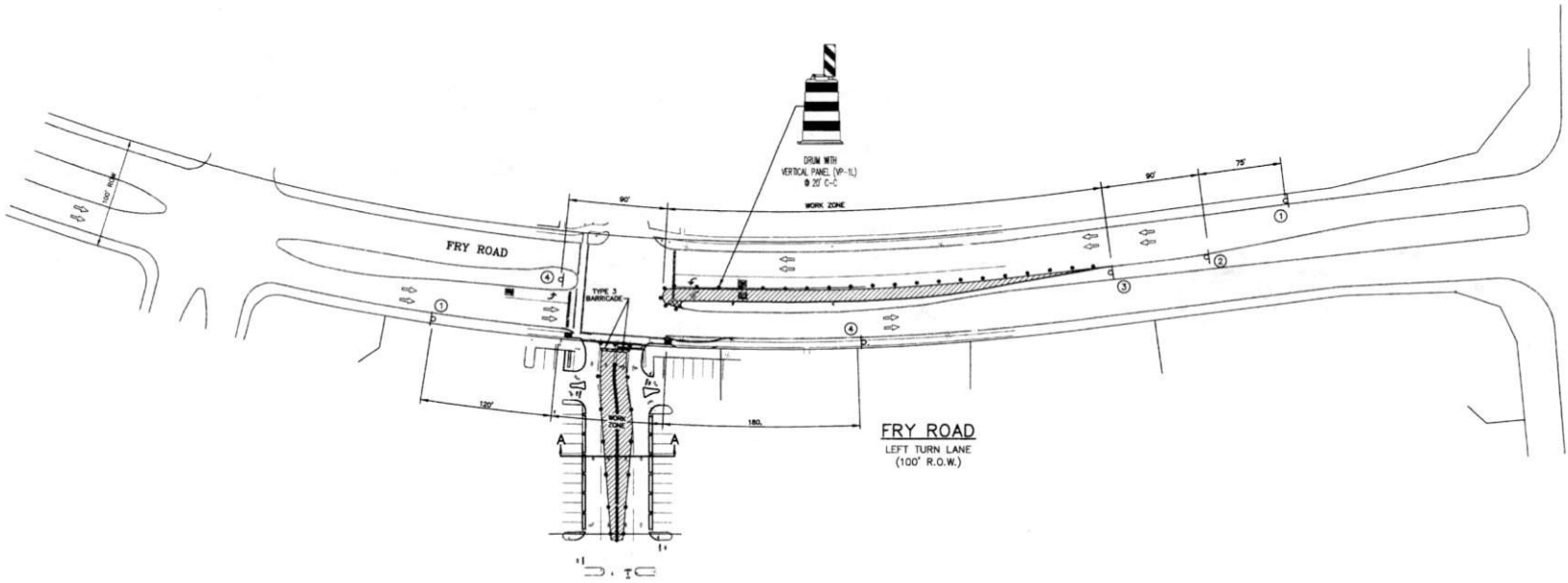
Cristy Gavlick, Agent 4/13/2015
 Signature of Applicant, Agent or Attorney Date
Cristy Gavlick
 Printed Name



LOCATION MAP



BENCHMARKS
 PRIMARY BENCHMARK: FLOODPLAIN REFERENCE MARK NUMBER 10003 IS A BRASS DISK STAMPED 10003 ON EAST (NORTHBOUND) BRIDGE AT GRAND PARKWAY AND UPPER BUFFALO BRIDGE LOCATED ON DOWNSTREAM EAST SIDE OF BRIDGE AT STREAM CENTERLINE BY KENMAP ASSESS IN THE BARBER WATERSHED NEAR STREAM T100-00-00.
 ELEVATION 108.54 FEET NAVD-88, 2001 ADJUSTMENT
 TBM 246-52-1: BOX OUT ON "B" INLET, 1ST PILET EAST OF THE WEST WESTERNLY ENTRANCE TO HB ON THE SOUTH SIDE OF FRY ROAD.
 ELEVATION 106.03 FEET NAVD-88, 2001 ADJUSTMENT



TYPICAL TRANSITION LENGTHS AND SUGGESTED MAXIMUM SPACING OF DEVICES

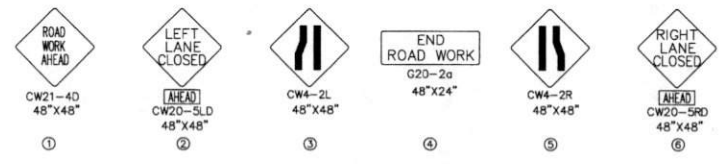
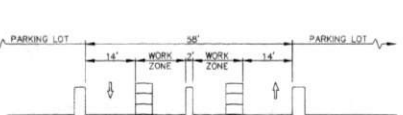
POSTED SPEED (MPH)	MINIMUM DESIRABLE TAPER LENGTHS**		SUGGESTED MAXIMUM SPACING OF DEVICES ON A	
	10'	12'	ON A	ON A
30	150'	180'	30'	60'-75'
35	200'	235'	35'	70'-90'
40	260'	295'	40'	80'-100'
45	320'	365'	45'	90'-110'
50	380'	435'	50'	100'-125'
55	440'	505'	55'	110'-140'
60	500'	575'	60'	120'-150'

* 85th PERCENTILE SPEED MAY BE USED ON ROADS WHERE TRAFFIC SPEEDS NORMALLY EXCEED THE POSTED SPEED LIMIT.
 ** TAPER LENGTHS HAVE BEEN ROUNDED OFF.

POSTED SPEED (MPH)	5" SPEED SPACING FEET
30 OR LESS	120
35	160
40	240
45	320

LONGITUDINAL BUFFER SPACING

Posted Speed or 85th Speed (MPH)	Min. Distance (ft)
25	40
30	60
35	90
40	120
45	155
50	195
55	235



TRAFFIC NOTES:
 ① CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART V OF THE TEXAS MANUAL ON TRAFFIC CONTROL DEVICES (TMUTCD)-LATEST EDITION WITH REVISIONS DURING CONSTRUCTION.
 ② ALL LANES SHALL BE BLOCKED FROM 7 A.M. TO 9 A.M. AND 4 P.M. TO 8:30 P.M. MONDAY THRU FRIDAY.
 ③ ON-DUTY POLICE OFFICERS/LASERS ARE REQUIRED TO DIRECT TRAFFIC WHEN LANES ARE BLOCKED.
 ④ CONTRACTORS SHALL COVER THE EXCAVATION WITH STEEL PLATES ANCHORED PROPERLY DURING NON-WORKING HOURS AND ALLOW NORMAL TRAFFIC FLOW. IF COVERING IS NOT FEASIBLE, USE TRAFFIC PILES OR 8\"/>

NOTE: THIS TRAFFIC CONTROL PLAN REPRESENTS MINIMUM REQUIREMENTS. CONTRACTOR TO BE RESPONSIBLE FOR CHANGES REQUIRED BY EXISTING FIELD CONDITIONS.

NOTES:
 LANE CLOSURE PLAN FOR DAY TIME WORKING HOURS ONLY.

POSTED SPEED LIMIT 35 MPH

ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!!!
 1-800-545-6005

FORT BEND COUNTY ENGINEERING DEPARTMENT
 APPROVAL IS IMPLIED FOR IMPROVEMENTS WITHIN FORT BEND COUNTY RIGHTS-OF-WAY ONLY. UTILITY LINES APPROVED AS TO LOCATION ONLY. AUTHORIZATION IS VALID FOR ONE YEAR ONLY.
 APPROVED: ASSISTANT TO THE COUNTY ENGINEER
 DATE:

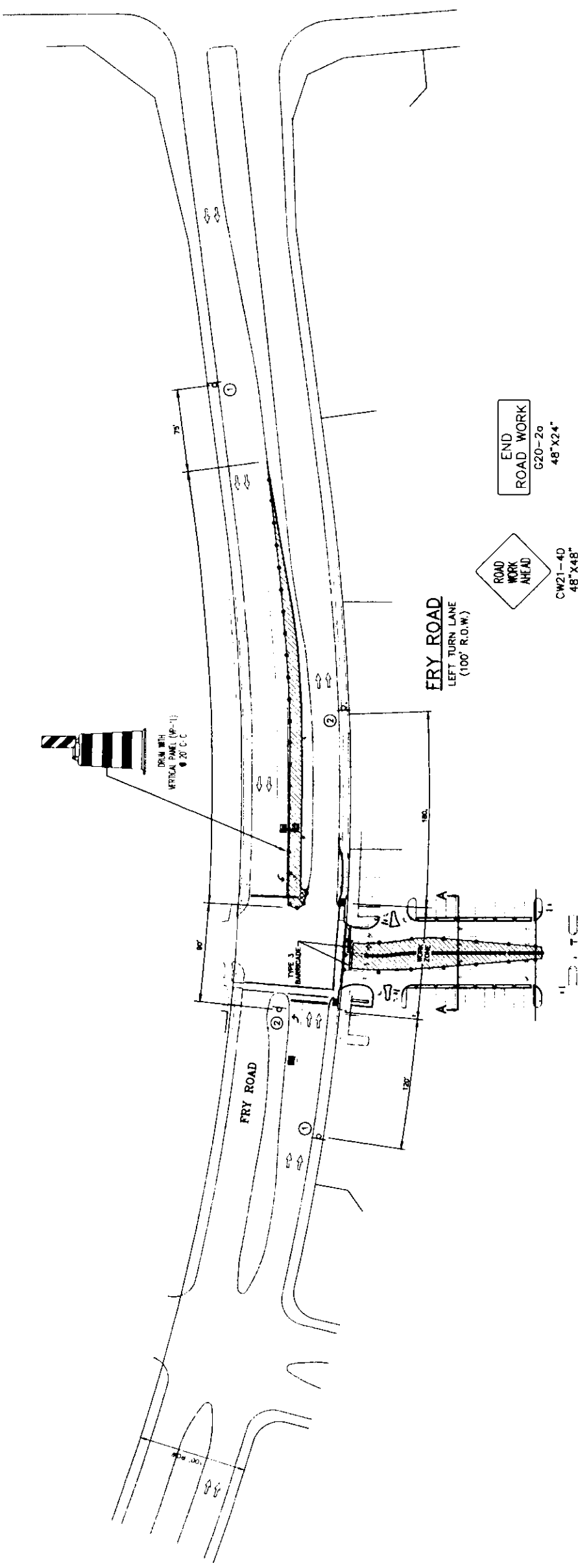
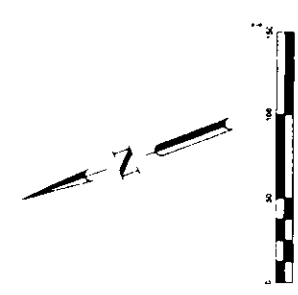
REV. NO.	DATE	DESCRIPTION	P.L. APPR.

BROWN & GAY ENGINEERS, INC.
 10777 Thunderbolt Road, Suite 100
 Houston, TX 77036
 Tel: 281-988-8770
 Fax: 281-988-8771
 www.browngay.com

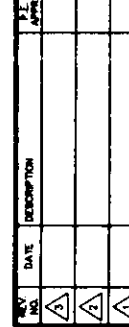
FORT BEND COUNTY
H.E.B. - FRY ROAD AT GRAND PARKWAY LEFT TURN LANE
 INTERNAL TRAFFIC CONTROL PLAN PHASE II

JOB NUMBER: 2096-00 (HEB)
 DESIGNED BY: P.S.
 DRAWN BY: A.A.
 DATE: SEPTEMBER 2013
 SHEET NO. 11 OF 11 SHEETS
 SUPPLY BY: BROWN & GAY ENGINEERS, INC.
 CITY: DENG NO.

REMARKS:
 PRIMARY BENCHMARK: FLOOR-IN, REFERENCIAL MARK NUMBER 00035.5, A BRASS DISK STAMPED "00035 ON EAST (NORTHWARD) BRIDGE AT GRAND PARKWAY AND SOUTH (WESTWARD) BRIDGE AT GRAND PARKWAY AND SIDE OF BRIDGE AT STATE CENTERLINE. MARKING: 48" IN DIA. BRASS DISK CENTERLINE, 4" ABOVE STREAM 1000-00.00
 ELEVATION: 108.34 FEET NAVD-83, 2001 ADJUSTMENT
 TBM 246-22-1, BDA CUT ON "B" INLET, ST. INLET SOUTH OF FRY ROAD, POINT OF ENTRY TO HS 8 IN THE SOUTH-SOIL OF FRY ROAD
 ELEVATION: 106.03 FEET NAVD-83, 2001 ADJUSTMENT



REV.	DATE	DESCRIPTION	P.E. APPROVAL
1			
2			
3			



BROWN & GAY ENGINEERS, INC.
 Brown & Gay Engineers, Inc.
 101263
 State of Texas
 101263
 101263
 101263

FORT BEND COUNTY
 H.E.B. - FRY ROAD
 AT GRAND PARKWAY
 LEFT TURN LANE

INTERNAL TRAFFIC CONTROL PLAN
 PHASE II

JOB NUMBER: 2008-00 (HEB)
 SUBMITTED: 10/10/08
 DATE: 10/10/08
 SCALE: AS SHOWN
 SHEET NO. CSB OF 11 SHEETS
 PROJECT NO. 2008-00 (HEB)
 CITY: FRY, TX

NOTE: THIS TRAFFIC CONTROL PLAN REPRESENTS MINIMUM REQUIREMENTS. CONTRACTOR TO BE RESPONSIBLE FOR CHANGES REQUIRED BY EXISTING FIELD CONDITIONS.

NOTES:
 LANE CLOSURE PLAN FOR DAY TIME WORKING HOURS ONLY.
 POSTED SPEED LIMIT: 35 MPH

ONE-CALL NOTIFICATION SYSTEM CALL BEFORE YOU DIG!!!
 1-800-545-6005

FOR FURTHER INFORMATION, CONTACT THE COUNTY ENGINEER'S OFFICE.
 APPROVAL IS IMPLIED FOR IMPROVEMENTS WITHIN THE UTILITY LINES APPROVED AS TO LOCATION ONLY. AUTHORIZATION IS VALID FOR ONE YEAR ONLY.

APPROVED: ASSISTANT TO THE COUNTY ENGINEER
 DATE:

TRAFFIC NOTES:

- CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES AND SIGNAGE IN ACCORDANCE WITH TEXAS MANUAL ON UNIFORM CONTROL DEVICES (MUTCD) LATEST EDITION WITH REVISIONS DURING CONSTRUCTION.
- NO LANES SHALL BE CLOSED FROM 7 A.M. TO 9 A.M. AND 4 P.M. TO 8 P.M. WEEKDAY TRAFFIC PEAKS.
- OFF DUTY POLICE OFFICERS/AGENTS ARE REQUESTED TO DIRECT TRAFFIC WHEN LANES ARE CLOSED.
- CONTRACTORS SHALL COVER THE EXCAVATION WITH STEEL PLATES, ANCHORED PROPERLY, DURING WORKING HOURS. THE COVERING IS NOT TO BE REMOVED UNTIL THE EXCAVATION IS COMPLETED. THE COVERING SHALL BE REMOVED OR APPROVED EQUAL WITH EXCAVATION DURING NON-WORKING HOURS.
- APPROVED COPIES OF TRAFFIC CONTROL PLANS SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES.
- IF THE CONTRACTOR WISHES TO USE AN ALTERNATE METHOD OF TRAFFIC CONTROL, IT SHALL BE APPROVED BY THE COUNTY ENGINEER'S OFFICE PRIOR TO CONSTRUCTION. THE METHOD IS OUTLINED IN THE PRELIMINARY DRAWINGS (SHEETS 2008-00 (HEB) 01 TO 11). CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A PERMIT FOR APPROVAL TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
- TRAFFIC PLANS SHALL BE DRAWN TO SCALE ON SHEETS 2008-00 (HEB) 01 TO 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A LICENSE ENGINEER IN THE STATE OF TEXAS TO SEAL AND SIGN A PART OF THE CONTRACT DRAWINGS.

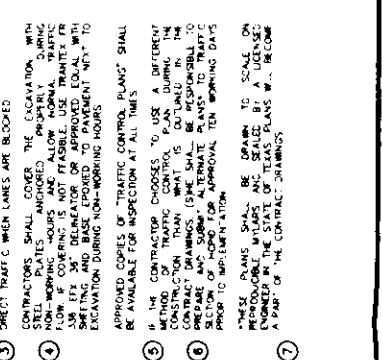
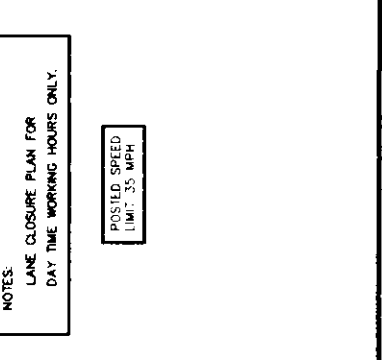
POSTED SPEED (MPH)	PERCENTAGE BUFFER SPACING (FEET)
30 OR LESS	70
35	80
40	90
45	100
50	110
55	120

POSTED SPEED (MPH)	MINIMUM BUFFER SPACING (FEET)
30 OR LESS	70
35	80
40	90
45	100
50	110
55	120

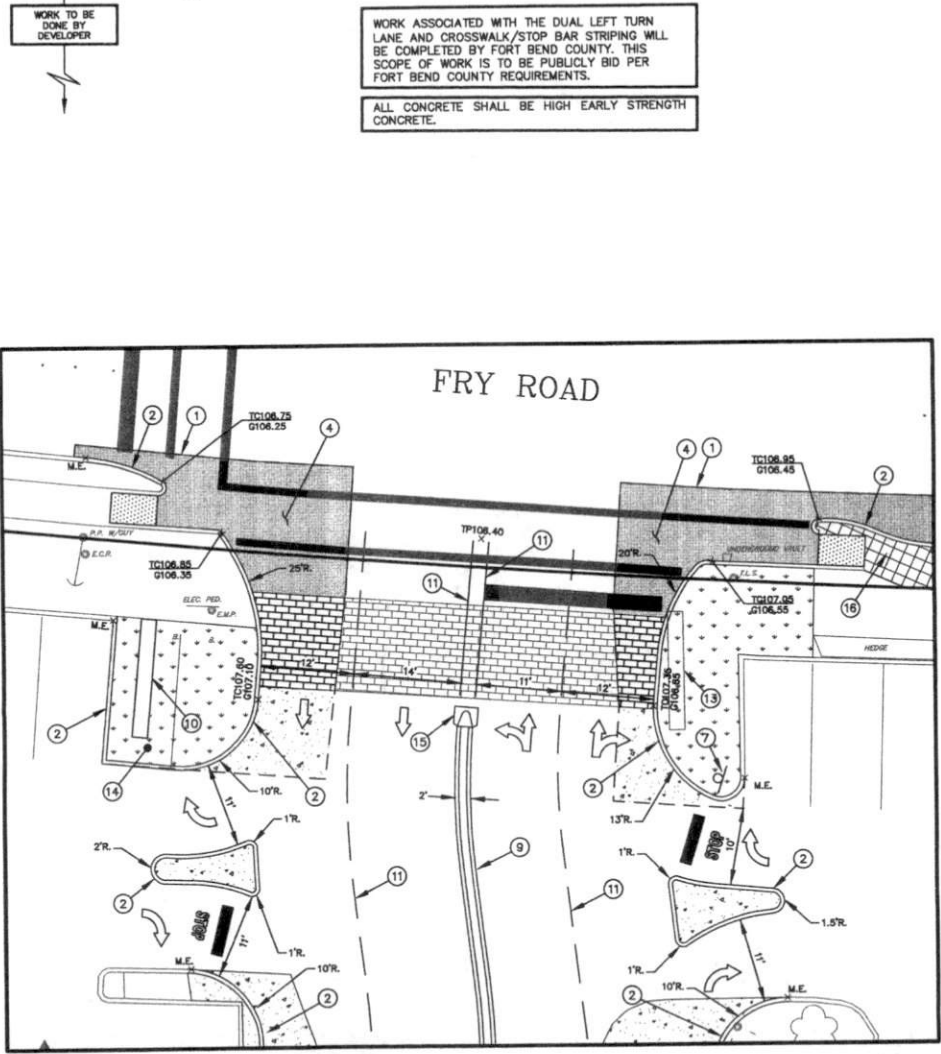
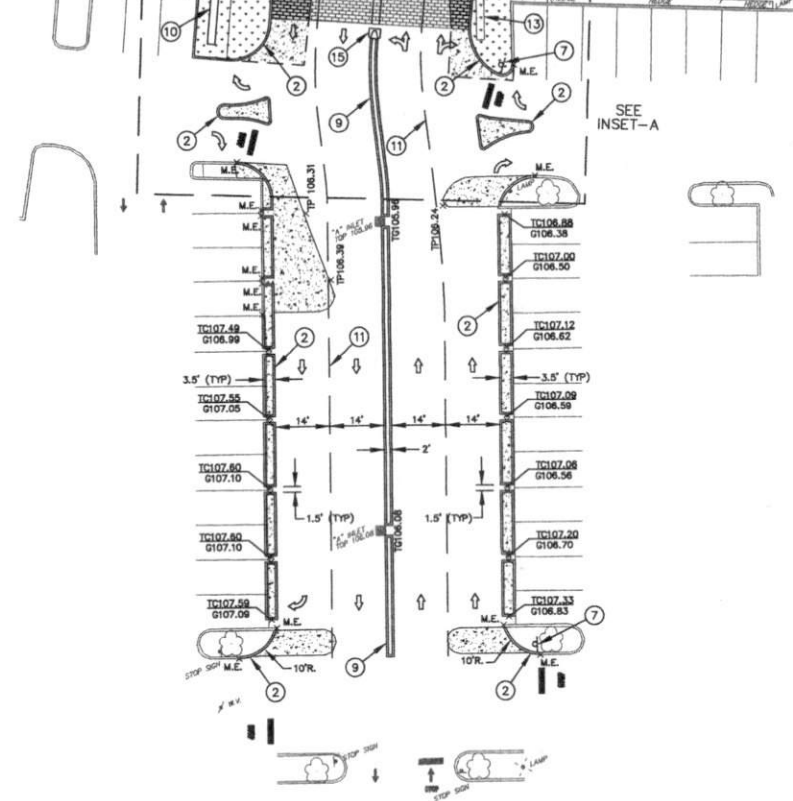
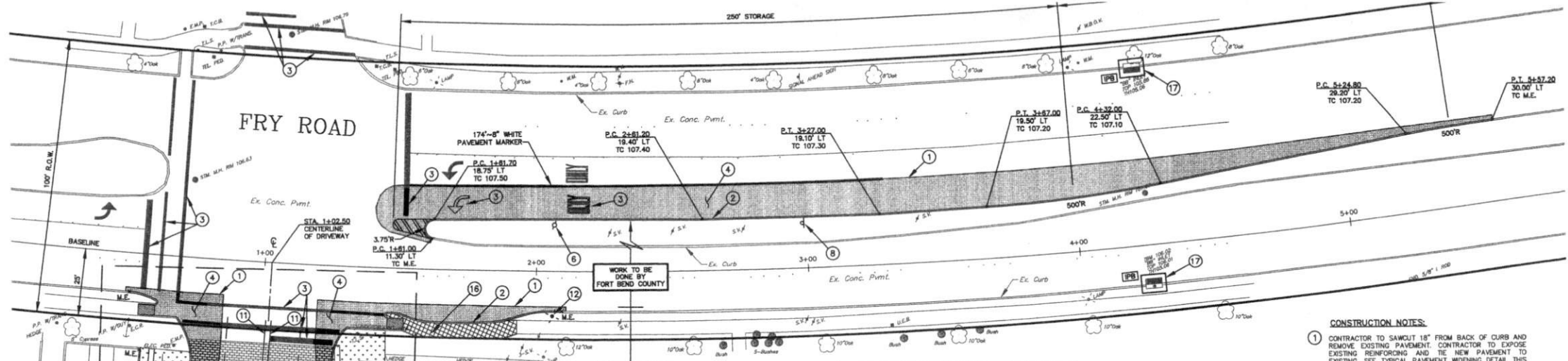
POSTED SPEED (MPH)	MINIMUM BUFFER SPACING (FEET)
30 OR LESS	70
35	80
40	90
45	100
50	110
55	120

POSTED SPEED (MPH)	MINIMUM BUFFER SPACING (FEET)
30 OR LESS	70
35	80
40	90
45	100
50	110
55	120

* 50th PERCENTILE SPEED MAY BE USED ON ROADS WHERE TRAFFIC SPEEDS NORMALLY EXCEED THE POSTED SPEED.
 ** TAPER LENGTHS HAVE BEEN ROUNDED UP.



SECTION A-A
 N.T.S.



- CONSTRUCTION NOTES:**
- 1 CONTRACTOR TO SAWCUT 18" FROM BACK OF CURB AND REMOVE EXISTING PAVEMENT. CONTRACTOR TO EXPOSE EXISTING REINFORCING AND THE NEW PAVEMENT TO EXISTING. SEE TYPICAL PAVEMENT WIDENING DETAIL THIS SHEET.
 - 2 PROPOSED 6" CONCRETE CURB.
 - 3 CONTRACTOR TO LOCATE STRIPING AND PAVEMENT MARKING DETAILS, ETC. AS PER CITY OF HOUSTON PAVEMENT MARKING DETAILS, SHEET C7.
 - 4 PROPOSED 8" CONCRETE PAVEMENT TO MATCH EXISTING PAVEMENT AND CROSS SLOPE. CONCRETE SHALL BE HIGH EARLY STRENGTH CONCRETE.
 - 5 FOR SIGNAL MODIFICATIONS, CONTRACTOR TO SEE H.E.B. - FRY ROAD AT GRAND PARKWAY LEFT TURN LANE SIGNAL MODIFICATION PLAN SET BY BROWN AND GAY ENGINEERS, INC. NOT INCLUDED IN THIS PLAN SET.
 - 6 NEW LOCATION OF WATER BLOW-OFF VALVE.
 - 7 NEW LOCATION OF STOP SIGN.
 - 8 NEW LOCATION OF SIGNAL AHEAD SIGN.
 - 9 PROPOSED 8" CURB PAINTED YELLOW WITH PAVERS.
 - 10 PROPOSED NEW SIGN LOCATION. SIGN RELOCATION TO BE COMPLETED BY PRIVATE CONTRACTOR.
 - 11 PROPOSED PAVEMENT STRIPING.
 - 12 NEW LOCATION OF STREET LAMP.
 - 13 EXISTING SIGN TO BE RELOCATED. SIGN RELOCATION TO BE COMPLETED BY PRIVATE CONTRACTOR.
 - 14 EXISTING PARKING SPACE (TO BE REMOVED).
 - 15 SEE PAVING DETAIL ON SHEET C6.
 - 16 EXISTING SIDEWALK TO BE REPLACED.
 - 17 THE STRUCTURAL INLET PROTECTION BARRIER TO BE REMAIN IN PLACE. PLACE UNTIL THE SITE IS APPROXIMATELY 75% STABILIZED.

LEGEND

EXISTING GROUND ELEVATION	---	+52.00
FINISH GRADE ELEVATION	---	FD 56.30
TOP OF CURB ELEVATION	---	TC 56.30
TOP OF GRATE ELEVATION	---	TD 53.60
TOP OF PAVEMENT	---	TP 53.60
HIGH POINT ELEVATION	---	HP 53.00
GUTTER ELEVATION	---	G 53.90
MATCH EXISTING ELEVATION	---	M.E.
6" PROPOSED CONCRETE PAVEMENT	---	[Pattern]
7" PROPOSED CONCRETE PAVEMENT	---	[Pattern]
PROPOSED LANDSCAPE	---	[Pattern]
PROPOSED BRICK PAVERS	---	[Pattern]

ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!!!
 1-800-545-6005

FORT BEND COUNTY ENGINEERING DEPARTMENT
 APPROVAL IS IMPLIED FOR IMPROVEMENTS WITHIN
 FORT BEND COUNTY RIGHTS-OF-WAY ONLY.
 UTILITY LINES APPROVED AS TO LOCATION ONLY.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-261-2222.
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Date: _____
 CenterPoint Energy/Natural Gas Facilities Verification ONLY.
 (This Signature verifies that you have shown CHP Natural Gas lines correctly - not to be used for conflict verification.) (See service lines are not shown.)
 Signature valid for six months.

Date: _____
 CenterPoint Energy/UNDERGROUND Electric Facilities Verification ONLY.
 (This Signature verifies existing underground facilities - not to be used for conflict verification.)
 Signature valid for six months.

Approved for AT&T TEXAS/SNET underground conduit facilities only.
 Signature valid for one year.

REV. NO.	DATE	DESCRIPTION	P.E. APPR.

BROWN & GAY
 ENGINEERS, INC.

Brown & Gay Engineers, Inc.
 10777 Westheimer, Suite 400
 Houston, TX 77042
 Tel: 281-658-4700
 Fax: 281-658-8700
 —Civil engineers and surveyors—



FORT BEND COUNTY
**H.E.B. - FRY ROAD
 AT GRAND PARKWAY
 LEFT TURN LANE**

**FRY ROAD
 LEFT TURN LANE**

JOB NUMBER: 2096-00 (HEB)