

**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

13B
**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: 2018-20690

Applicant: Reddico Construction Co., Inc.

Job Location Site: 3299 Westheimer Parkway, Katy, TX 77494

Bond No. **Date of Bond:** 5/9/2018 **Amount:** \$16,000.00

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 5th day of June, 2018, Upon Motion of Commissioner Meyers, 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

N/A

By:

Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Date Recorded

6-7-2018

Comm. Court No. 13B

Clerk of Commissioners Court

By:

Sandra Willis
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@fortbendcountytexas.gov

- ☒ Right of Way Permit
☐ Commercial Driveway Permit

Permit No: 2018-20690

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:

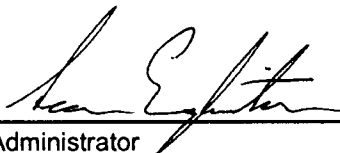
- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: _____ Amount: _____
- ☒ Performance bond submitted. Bond No: [REDACTED] Amount: \$16,000.00
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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



Permit Administrator

5/24/2018

Date



**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. [REDACTED]

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Reddico Construction Co., Inc. whose (address, phone) is 10083 Airport Road, Conroe, Texas 77303 / 936-441-9500, hereinafter called the Principal, and The Guarantee Company of North America USA, a Corporation existing under and by virtue of the laws of the state of Michigan and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at (name/address/phone) One Towne Square, Suite 1470, Southfield, Michigan 48076 / 1-866-328-0567, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Richard Sauer and whose address is 350 Glenborough Dr., Suite 138, Houston, Texas 77067 / 832-446-3350, 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 Sixteen Thousand and No/100 Dollars (\$16,000.00) 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 9th day of May, 2018.

Reddico Construction Co., Inc.
PRINCIPAL

BY: Ryan Redd, Vice President

The Guarantee Company of North America USA
SURETY

BY: Nancy T. Berry, Attorney-In-Fact

CCM 6-5-2018 # 13B
Fort Bend County Clerk
Return Admin Serv Coord
Remit # 2018-20690 RAC



The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

NOW ALL BY THESE PRESENTS: That **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Richard D. Bright, Nancy T. Berry, Steven W Berry, Kimberly J. Smith, Marla Gentry
INSURICA TX Insurance Services, Inc.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon **THE GUARANTEE COMPANY OF NORTH AMERICA USA** as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of **THE GUARANTEE COMPANY OF NORTH AMERICA USA** at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner – Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, **THE GUARANTEE COMPANY OF NORTH AMERICA USA** has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 2nd day of October, 2015.



THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, President & Chief Operating Officer

Randall Musselman, Secretary

STATE OF MICHIGAN
County of Oakland

On this 2nd day of October, 2015 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.



Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland

My Commission Expires February 27, 2024
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

I, Randall Musselman, Secretary of **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 9th day of May 2018.

Randall Musselman, Secretary



TEXAS CONSUMER NOTICE

1. IMPORTANT NOTICE

To obtain information or make a complaint:

2. You may contact your **agent** at:

3. You may call The Guarantee Company of North America USA's toll-free telephone number for information or to make a complaint at: 1-866-328-0567

4. You may also write to The Guarantee Company of North America USA at:

One Towne Square, Suite 1470
Southfield, Michigan 48076
Web: www.theguaranteeus.com
E-mail: Info@theguaranteeus.com
Fax: 248-750-0431

5. You may contact the Texas Department of Insurance to obtain information on companies, coverages, rights or complaints at: 1-800-252-3439

6. You may write the Texas Department of Insurance:
333 Guadalupe Street
P.O. Box 149104
Austin, TX 78701
Fax: (512) 490-1007
Web: <http://www.tdi.texas.gov>
E-mail: ConsumerProtection@tdi.texas.gov

7. **PREMIUM OR CLAIM DISPUTES:**
Should you have a dispute concerning your premium or about a claim you should contact the (agent) (company) (agent or the company) first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

8. **ATTACH THIS NOTICE TO YOUR POLICY:**
This notice is for information only and does not become a part or condition of the attached document.

AVISO IMPORTANTE

Para obtener informacion o para someter una queja:

Puede comunicarse con su **agent** al

Usted puede llamar al numero de telefono gratis de The Guarantee Company of North America USA's para informacion o para someter una queja al: 1-866-328-0567

Usted tambien puede escribir a to The Guarantee Company of North America USA;

One Towne Square, Suite 1470
Southfield, Michigan 48076
Web: www.theguaranteeus.com
E-mail: Info@theguaranteeus.com
Fax: 248-750-0431

Puede comunicarse con el Departamento de Seguros de Texas para obtener informacion acerca de companies, coberturas, derechos o quejas al: 1-800-252-3439

Puede escribir al Departamento de Seguros de Texas:
333 Guadalupe Street
P.O. Box 149104
Austin, TX 78701
Fax: (512) 490-1007
Web: <http://www.tdi.texas.gov>
E-mail: ConsumerProtection@tdi.texas.gov

DISPUTAS SOBRE PRIMAS O RECLAMOS:
Si tiene una disputa concerniente a su prima o a un reclamo, debe comunicarse con el (agente) (la compania) agente o la compania) primero. Si no se resuelve la disputa, puede entonces comunicarse con el departamento (TDI).

UNA ESTE AVISO A SU POLIZA: Este aviso es solo para proposito de informacion y no se convierte en parte o condicion del document adj unto.

FILED AND RECORDED
OFFICIAL PUBLIC RECORDS

Laura Richard



Laura Richard, County Clerk

Fort Bend County Texas

June 07, 2018 01:21:09 PM

FEE: \$0.00

SG

2018062845

HARRIS-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 5 WESTHEIMER PARKWAY WATER LINE EXTENSION

WITHIN FORT BEND COUNTY, TEXAS
CONSTRUCTION PLANS FOR PROPOSED
WATER DISTRIBUTION IMPROVEMENTS

INDEX OF DRAWINGS

SHEET NO. DESCRIPTION

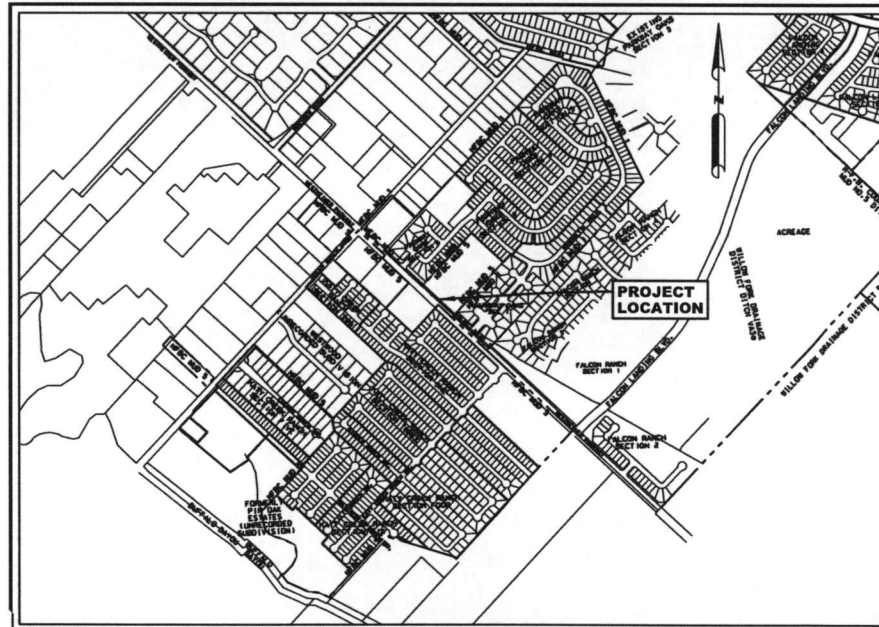
1. COVER SHEET
2. GENERAL NOTES
3. WATER LINE LAYOUT
4. SHPPP SITE PLAN

PLAN & PROFILES

5. WESTHEIMER PARKWAY STA. 0+00 TO STA. 5+00
6. WESTHEIMER PARKWAY STA. 5+00 TO STA. 10+00
7. WESTHEIMER PARKWAY STA. 10+00 TO STA. 15+00

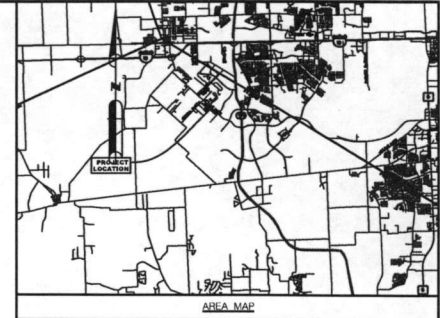
DETAILS

8. WATER DETAILS, RAMP DETAILS
9. SHPPP DETAILS
10. TRAFFIC CONTROL PLAN DETAILS



KEY: SHPPP 400 ft
DWD 2
QUANTITY: 1000
20' COVER 7' DIA

VICINITY MAP



FORT BEND COUNTY ENGINEER

ENGINEER: Richard S. Le, PE, P.E.
FOR: WESTHEIMER PARKWAY P.E.
DATE: 5/2/18

THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT COMMENCED 1811 YEAR FROM DATE OF APPROVAL.

APPROVAL IS IMPLIED FOR IMPROVEMENTS WITHIN FORT BEND COUNTY RIGHTS OF WAY ONLY. UTILITY LINES PROVIDED AS IS LOCATIONS ONLY. AUTHORIZATION IS VALID FOR 1 YEAR.

APPROVED: [Signature]
DATE: 4/15/18



Vin DeWiele & Vogler Incorporated
Consulting Engineers
2925 Briarclark, Suite 215
Houston, Texas 77042
Registration No. F-148
www.vindeviele-inc.com

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

APPROVED BY: [Signature]
DATE: 4/26/18

FOR CITY OF HOUSTON USE ONLY
CITY ENGINEER

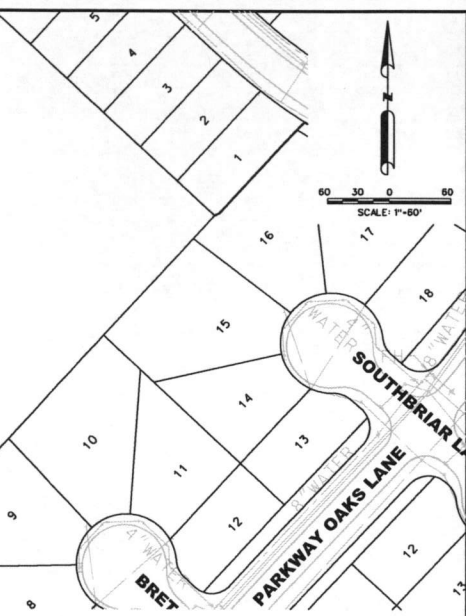
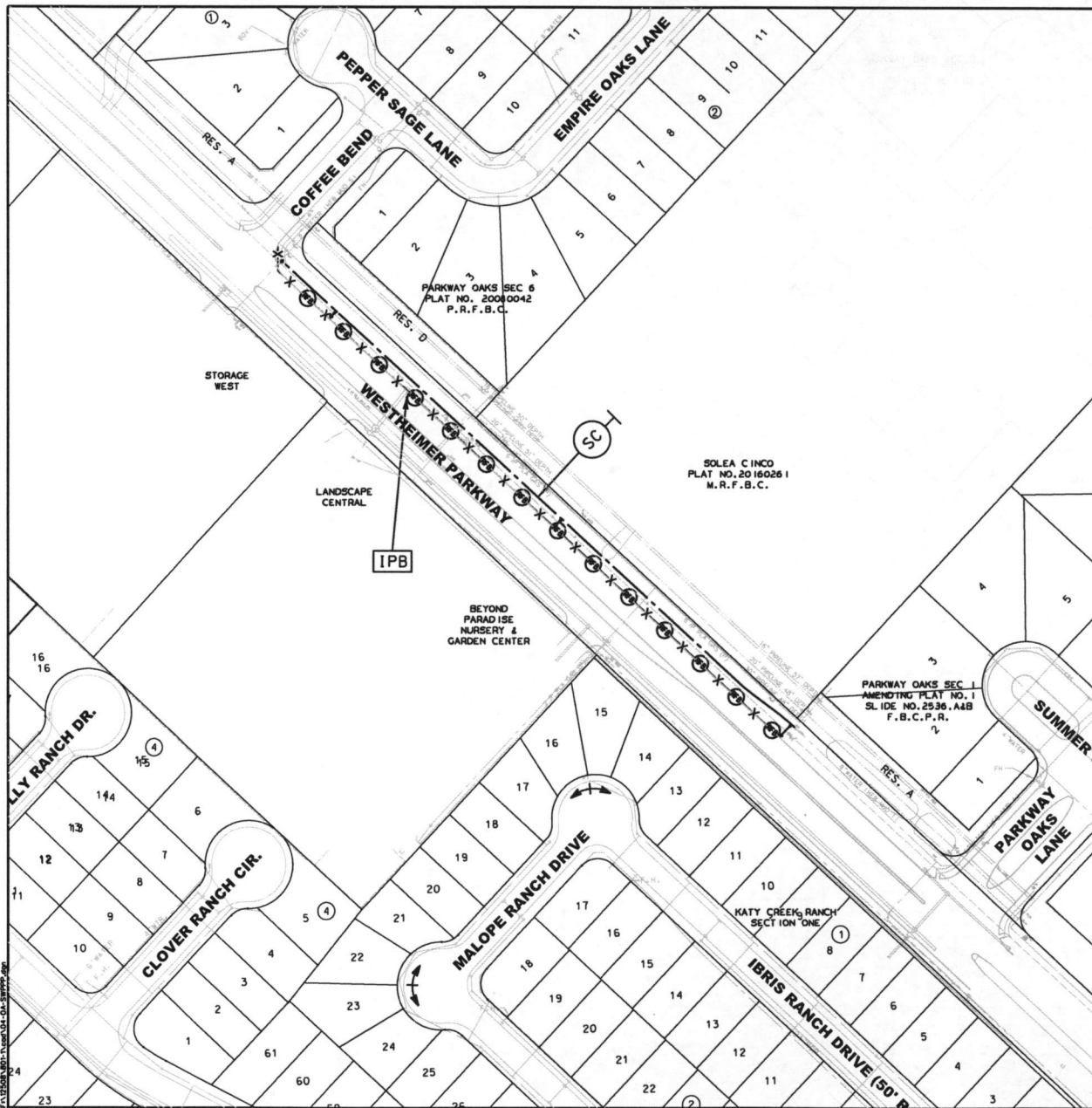
DIRECTOR OF PUBLIC WORKS AND ENGINEERING

SHEET NO. 1 OF 10

60314
CITY DRAWING NUMBER
Approval Date 4/25/2018
HOUSTON TX

ILMS NO: 17144984

H-FBC MUD NO 5
WESTHEIMER PRKWAY WATER LINE



- NOTES:**
1. UNLESS OTHERWISE NOTED ALL INLET PROTECTION BARRIERS REQUIRE STAGE I AND STAGE II PROTECTION SEE STORMWATER POLLUTION PREVENTION DETAILS.
 2. CONTRACTOR MAY DE-WATER THE SITE BY CONSTRUCTING A SEDIMENT SUMP PITS AS SHOWN ON THE SUPPLY DETAILS AND DISCHARGING TO AN AREA PROTECTED BY A SEDIMENT TRAPPING DEVICE.
 3. THE CONTRACTOR MUST ESTABLISH AN APPROPRIATE CONCRETE TRUCK WASHOUT AREA.

STORM WATER QUALITY PRE-CONSTRUCTION INSPECTION REQUIREMENTS

THE PROPERTY OWNER OR THE CONTRACTOR SHALL CONTACT THE HARRIS COUNTY STORM WATER QUALITY PERMITTING SECTION AT 713-316-3000 FOR A PRE-CONSTRUCTION INSPECTION PRIOR TO COMMENCING ANY CLEARING OR CONSTRUCTION ACTIVITIES ON THE SITE.

- LEGEND**
- PROP. STORM SEWER, MANHOLE & INLETS
 - EXIST. STORM SEWER, MANHOLE & INLETS
 - EXIST. CONTOUR LINE
 - FILTER FABRIC FENCE
 - REINFORCED FILTER FABRIC FENCE
 - STRAW BALE FENCE
 - VEGETATED SEDIMENT FILTER STRIP
 - INLET PROTECTION BARRIERS FOR STAGE I INLETS
 - INLET PROTECTION BARRIERS FOR STAGE II INLETS
 - STABILIZED CONSTRUCTION ACCESS
 - FD-TYPE FILTER DAM
 - TFA ABOVE GROUND TEMP. VEHICLE & EQUIPMENT FUELING AREA OPTION 1 & 2
 - BSA BARREL STORAGE AREA
 - CTW CONCRETE TRUCK WASHOUT AREA
 - DI DIVERSION DIKE
 - DI INTERCEPTOR DIKE
 - DI DIVERSION DIKE AND SWALE
 - DI DIVERSION SWALE
 - DI INTERCEPTOR SWALE

BENCH MARK

REMARK: BENCHMARK IS A 10' HIGH CONCRETE MONUMENT LOCATED AT THE INTERSECTION OF WESTHEIMER PARKWAY AND PARKWAY OAKS LANE. ELEVATION: 110.00' (AS SHOWN ON THE PLAT). BENCHMARK IS TO BE USED FOR ALL ELEVATIONS ON THIS PROJECT.

NOTES

1. CONSTRUCTION OF THIS PROJECT LOCATION AND ELEVATION OF ALL STRUCTURES IS TO BE DETERMINED BY THE SURVEYOR.
2. THE PROPERTY IS TO BE MAINTAINED IN A MANNER THAT WILL PREVENT EROSION AND SEDIMENTATION FROM OCCURRING ON THE SITE.
3. THE PROPERTY IS TO BE MAINTAINED IN A MANNER THAT WILL PREVENT EROSION AND SEDIMENTATION FROM OCCURRING ON THE SITE.
4. THE PROPERTY IS TO BE MAINTAINED IN A MANNER THAT WILL PREVENT EROSION AND SEDIMENTATION FROM OCCURRING ON THE SITE.
5. THE PROPERTY IS TO BE MAINTAINED IN A MANNER THAT WILL PREVENT EROSION AND SEDIMENTATION FROM OCCURRING ON THE SITE.
6. THE PROPERTY IS TO BE MAINTAINED IN A MANNER THAT WILL PREVENT EROSION AND SEDIMENTATION FROM OCCURRING ON THE SITE.

APPROVED

APR 10 2018

REVISION BLOCK

NO.	DATE	DESCRIPTION

VanDeWiele & Vogler Incorporated

2025 Brigrade, Suite 275
Houston, Texas 77042
713/782-0000
www.vandewiele-wv.com

CITY OF HOUSTON

713/316-3000
www.houstontx.gov

HARRIS-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT No. 5

WESTHEIMER PARKWAY WATER LINE EXTENSION

SWPPP SITE PLAN

NOTES: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

FILE NO: 101

DRAWING SCALE: HORIZ 1"=60' VERT 1"=10'

SHEET NO: 4 OF 10

FOR CITY OF HOUSTON USE ONLY

PUBLIC WORKS AND ENGINEERING ACCEPTED AND FILED

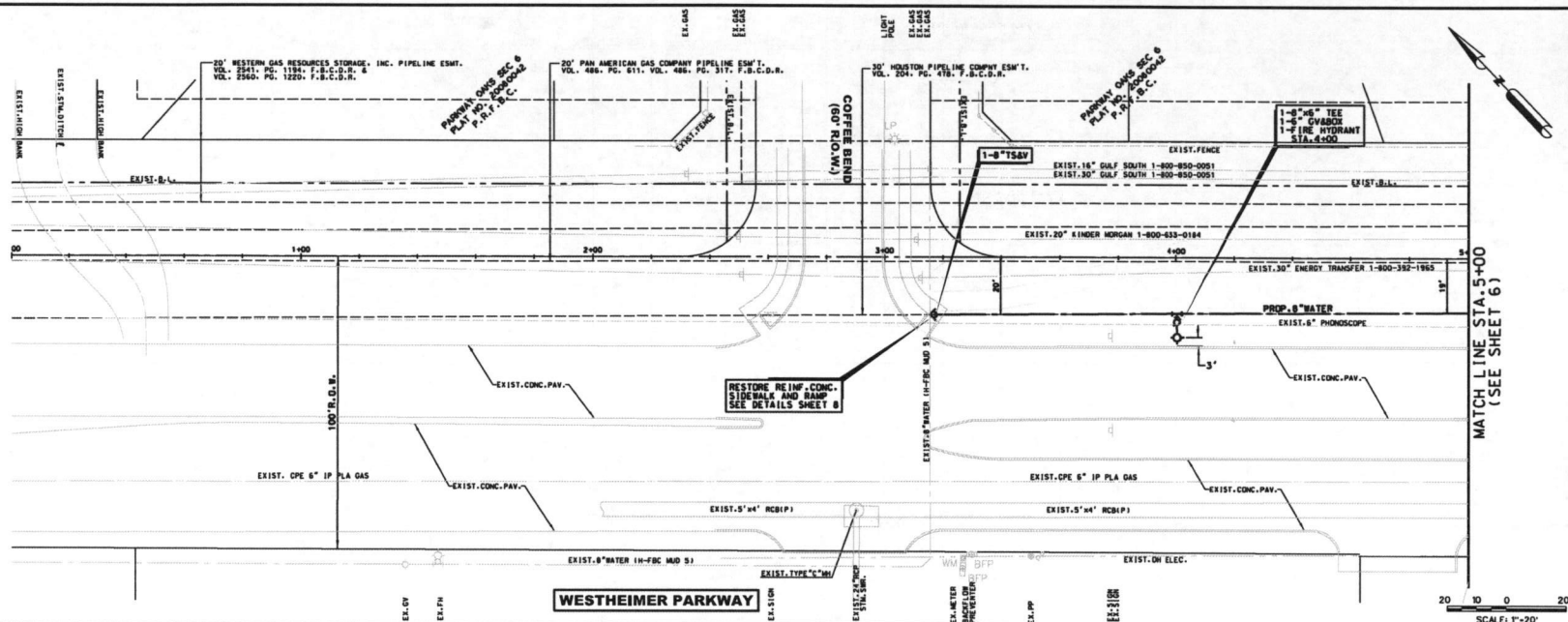
60314

CITY DRAWING NUMBER

Approval Date: 4/23/2018

HOUSTON TX

3/26/2018 5:16:20 PM
C:\Users\jwagner\OneDrive\Documents\Westheimer Parkway STA 0+00 to 5+00.dwg



BENCH MARK
REMARK: BENCH MARK 11 IS A 10' HIGH CONCRETE MONUMENT WITH A 6\"/>

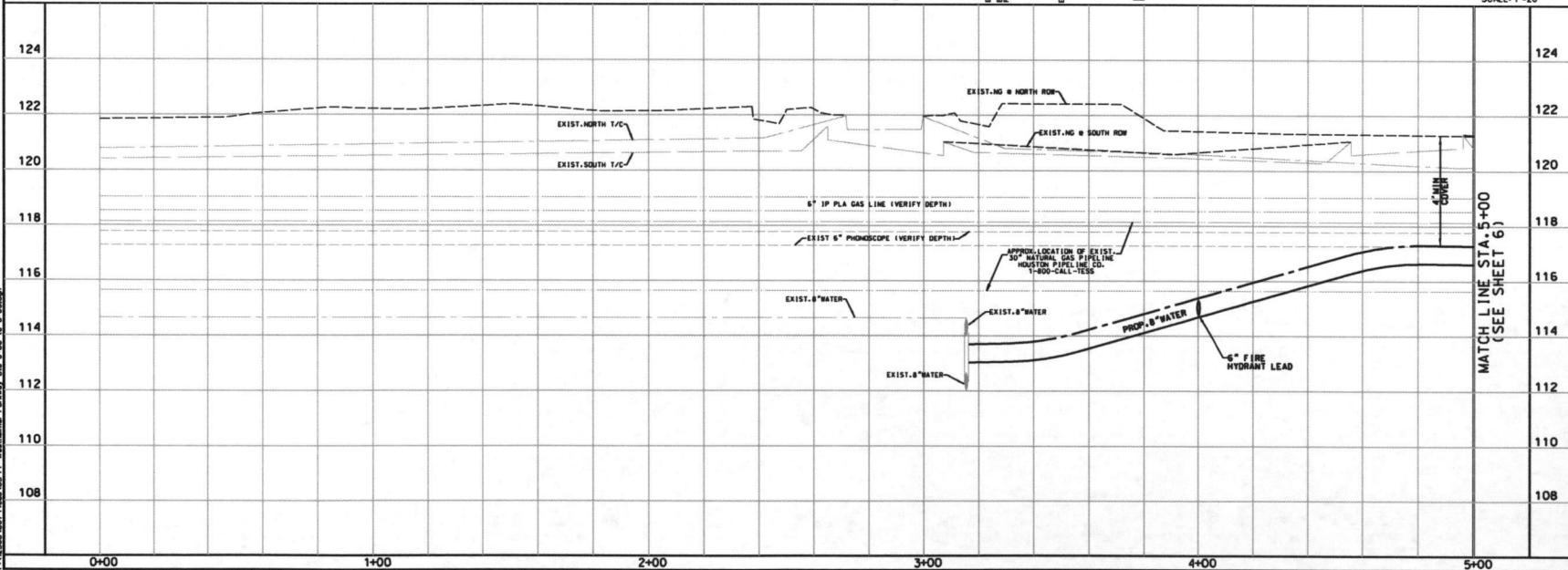
NOTES
1. CONSTRUCTION TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES TO THE MAXIMUM PRACTICABLE.
2. THIS PROJECT IS A UTILITY PROJECT AND DOES NOT INCLUDE ANY OTHER CIVIL WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY OTHER CIVIL WORK.
3. ALL UTILITIES ARE SHOWN AS BEHIND CURB UNLESS OTHERWISE NOTED.
4. ALL UTILITIES ARE TO BE DEPTHS AS SHOWN UNLESS OTHERWISE NOTED.
5. THE CITY ENGINEER SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF EXISTING UTILITIES.
6. THIS PROJECT REQUIRES A RIGHT-OF-WAY PERMIT FROM THE CITY OF HOUSTON.

APPROVED
APR 30 2018
CITY ENGINEER
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

DEVELOPMENT EXISTING
DATE: _____
BY: _____

NOTES
For your utility, you are required to provide a minimum 10' clearance from the centerline of the street to the edge of the utility. This clearance is to be maintained throughout the project.

REVISION BLOCK
NO. DATE DESCRIPTION



VanDeWiele & Vogler Incorporated
2805 Briarclark, Suite 275
Houston, Texas 77042
Registration No. 7146
www.vandewiele-wv.com

SEAL OF THE CITY OF HOUSTON
JUL 11 2018
09247
4/26/18
John L. Hoff

**HARRIS-FORT BEND COUNTIES
MUNICIPAL UTILITY DISTRICT No. 5
WESTHEIMER PARKWAY
WATER LINE EXTENSION**

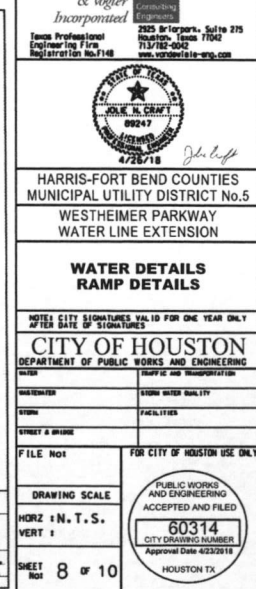
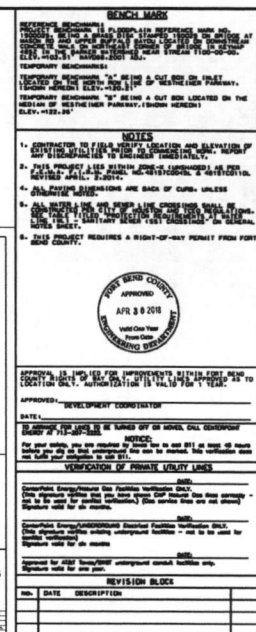
**PLAN & PROFILE
WESTHEIMER PARKWAY
STA. 0+00 TO STA. 5+00**

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

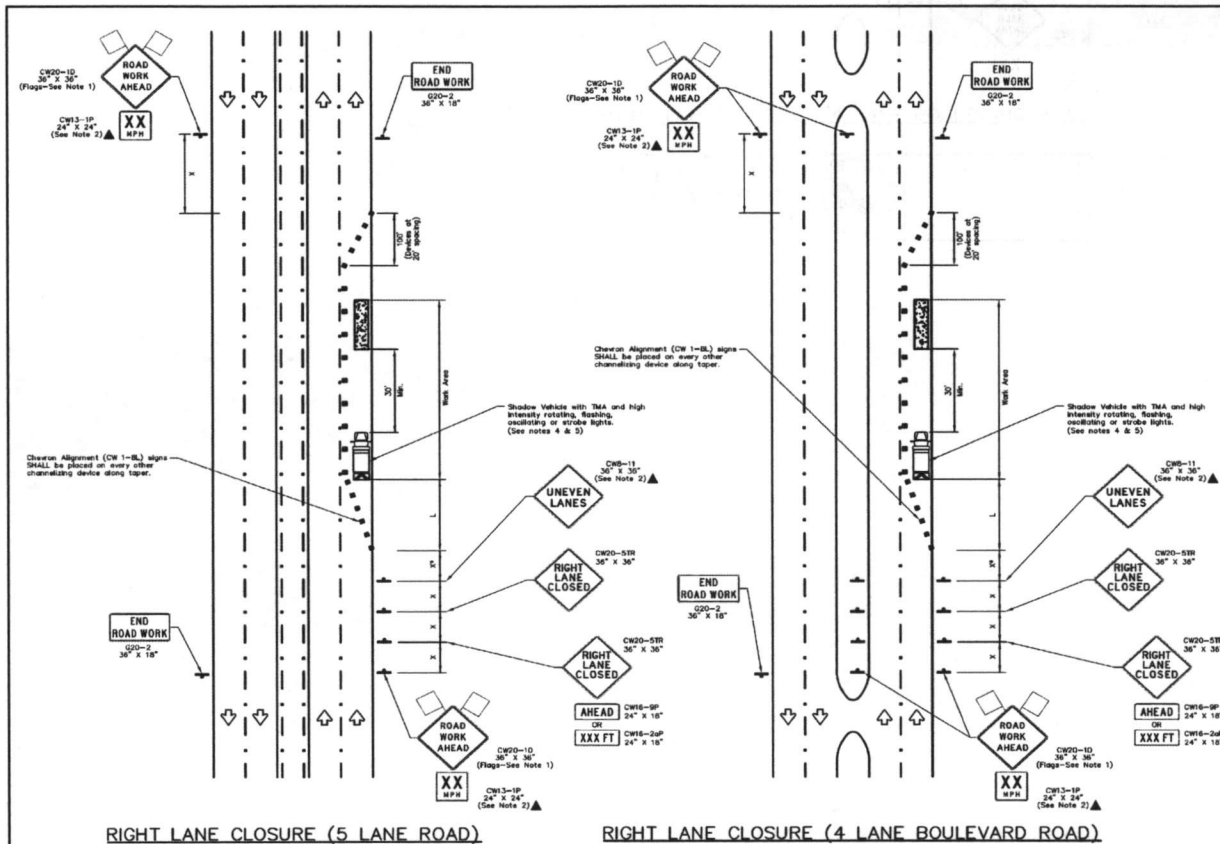
NOTES
CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

FILE NO.
DRAWING SCALE
HORZ :
VERT :
SHEET 5 OF 10

FOR CITY OF HOUSTON USE ONLY
PUBLIC WORKS AND ENGINEERING
ACCEPTED AND FILED
60314
CITY DRAWING NUMBER
Approval Date 4/23/2018
HOUSTON TX



DATE: 6/25/14
DRAWN BY: J. L. BROWN
CHECKED BY: J. L. BROWN
APPROVED BY: J. L. BROWN



TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	TAPER TANGENT	SIGN SPACING	BUFFER SPACE

LEGEND

Symbol	Description
[Type 3 Barricade]	Type 3 Barricade
[Heavy Work Vehicle]	Heavy Work Vehicle
[Trailer Mounted Flashing Arrow Board]	Trailer Mounted Flashing Arrow Board
[Sign]	Sign
[Flag]	Flag
[Channelizing Device]	Channelizing Device
[Truck Mounted Attenuator (TMA)]	Truck Mounted Attenuator (TMA)
[Portable Composite Message Sign (PCMS)]	Portable Composite Message Sign (PCMS)
[Traffic Flow]	Traffic Flow
[Flagger]	Flagger

Posted Speed	Formula	Minimum Desirable Taper Length, L*	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing	Suggested Longitudinal Buffer Space
15	150'	150'	30'	60'	90'
20	150'	150'	30'	60'	90'
25	150'	150'	30'	60'	90'
30	150'	150'	30'	60'	90'
35	150'	150'	30'	60'	90'
40	150'	150'	30'	60'	90'
45	150'	150'	30'	60'	90'
50	150'	150'	30'	60'	90'
55	150'	150'	30'	60'	90'
60	150'	150'	30'	60'	90'
65	150'	150'	30'	60'	90'
70	150'	150'	30'	60'	90'
75	150'	150'	30'	60'	90'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper (FT) L=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 work 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 Barricade 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 other work spaces.
- Contractor shall provide and install traffic control devices in accordance with part 16 of Texas Manual on Uniform Traffic Control Devices (TMUTCD) - Latest edition with revisions during construction.

NOTES

- SHADOW VEHICLE NOT REQUIRED.
- NO LANE CLOSURE BETWEEN 7-9 AM AND 4-6 PM.

POST BEND COUNTY APPROVED APR 9 2015

REVISION BLOCK

No.	DATE	DESCRIPTION

VinDeWiele & Vogler Incorporated
2525 Br. Lyons, Suite 275
Houston, Texas 77042
713/781-0052
www.vindeviele-wv.com

HARRIS-FORT BEND COUNTIES
MUNICIPAL UTILITY DISTRICT No.5
WESTHEIMER PARKWAY
WATER LINE EXTENSION

TCP-2
(RIGHT LANE CLOSURE)

NOTES: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

FILE NO: 60314
DRAWING SCALE: 1" = 40'
SHEET NO: 10 OF 10

FOR CITY OF HOUSTON USE ONLY
PUBLIC WORKS AND ENGINEERING
ACCEPTED AND FILED
60314
CITY DRAWING NUMBER
Approval Date 4/23/2015
HOUSTON TX