

**STANDARD UTILITY AGREEMENT**

U-0011: Fort Bend County MUD #142  
County: Fort Bend  
Highway: FM 1093 Westpark Extension

This Agreement by and between the County of Fort Bend, Texas, ("**County**"), and Fort Bend County Municipal Utility District #142, ("**Utility**"), acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the **County**.

**WHEREAS**, the **County** has deemed it necessary to make certain highway improvements as designated by the **County** and approved by the Federal Highway Administration within the limits of the highway as indicated above;

**WHEREAS**, the proposed highway improvements will necessitate the adjustment, removal, and/or relocation of certain facilities of **Utility** as indicated in the following statement of work: relocation of assets (12" Sanitary FM and a 12" water Line) into a predesignated corridor according to the following schedule:

Bid Date – October 15, 2015  
Board Approval – November 12, 2015  
Start Date – November 19, 2015  
Completion Date – January 14, 2016

and more specifically shown in **Utility's** plans, specifications and estimated costs, which are attached hereto as Attachment "A" and Attachment "B".

**WHEREAS**, Subchapter E of Chapter 203 of the Texas Transportation Code regarding the relocation of utilities does not apply to this Project, but the County wishes to negotiate in good faith and enter into agreements with all affected utility companies for the participation in the costs of the adjustment, removal, and/or relocation of certain facilities as authorized under such subchapter.

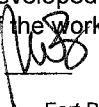
**WHEREAS**, the **County**, upon receipt of evidence it deems sufficient, acknowledges **Utility's** interest in certain lands and/or facilities and determined it is appropriate to enter an agreement with **Utility** to govern the terms for participation in the costs of the adjustment, removal, and relocation of certain of its facilities located upon the lands as indicated in the statement of work above.

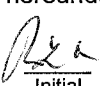
**NOW, THEREFORE, BE IT AGREED:**

The **County** will pay to **Utility** fifty percent (50%) of the documented actual costs incurred for relocation of Utility in right of way by permit and one hundred percent (100%) of the documented actual costs incurred for relocation of the utility in the easement as specifically documented in *Exhibit "B" Reimbursement Breakout* for adjustment, removal, and/or relocation of **Utility's** facilities up to the amount said costs may be eligible for **County** participation.

All conduct under this agreement, including but not limited to the adjustment, removal and relocation of the facility, the development and reimbursement of costs, any environmental requirements, and retention of records will be in accordance with all applicable federal and state laws, rules and regulations, including, without limitation, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act, 42 U.S.C. §§ 4601, et seq., the National Environmental Policy Act, 42 U.S.C. §§ 4231, et seq., the Buy America provisions of 23 U.S.C. § 313 and 23 CFR 635.410, the Utility Relocations, Adjustments, and Reimbursements provisions of 23 CFR 645, Subpart A, and with the Utility Accommodation provisions of 23 CFR 645, Subpart B. **Utility** shall supply, upon request by the **County**, proof of compliance with the aforementioned laws, rules and regulations prior to the commencement of construction.

The **Utility** agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by **County**, or may, with the **County's** approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by **Utility**. Bills for work hereunder will be submitted to **County** not later than 90 days after completion of the work.

  
Date 11/2/15  
Fort Bend County

  
Initial Date 9/24/15  
Fort Bend MUD #142

When requested, the **County** will make intermediate payments at not less than monthly intervals to **Utility** when properly billed and such payments will not exceed 90 percent (90%) of the eligible cost as shown in each such billing. Intermediate payments shall not be construed as final payment for any items included in the intermediate payment.

Upon execution of this agreement by both parties hereto, the **County** will, by written notice, authorize the **Utility** to perform such work diligently, and to conclude said adjustment, removal, or relocation by the stated completion date. The completion date shall be extended for delays caused by events outside **Utility's** control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God, sabotage, or other events, interference by the **County** or any other party with **Utility's** ability to proceed with the relocation, or any other event in which **Utility** has exercised all due care in the prevention thereof so that the causes or other events are beyond the control and without the fault or negligence of **Utility**.

However, for any failure by **Utility** to conclude said adjustment, removal, or relocation by the stated completion date not caused by events outside **Utility's** control, the **County** may elect to: (1) reduce the reimbursement to **Utility** by one percent (1%) each day delayed; or (2) relocate the facility at the sole cost and expense of **Utility**.

The **County** will, upon satisfactory completion of the relocation or adjustment and upon receipt of final billing prepared in an approved form and manner, make payment in the amount of 90 percent (90%) of the eligible costs as shown in the final billing prior to audit and after such audit shall make an additional final payment totaling the reimbursement amount found eligible for **County** reimbursement.

Unless an item below is stricken and initialed by the **County and Utility**, this agreement in its entirety consists of the following:

1. Standard Utility Agreement;
2. Plans & Specifications (Attachment "A");
3. Utility Construction Cost Estimate (Attachment "B");
4. Utility's Schedule of Work and Estimated Date of Completion (Attachment "C").


All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this agreement is required, reimbursement therefore shall be limited to costs covered by a modification or amendment of this agreement or a written change or extra work order approved by the **County and Utility**.


This agreement is subject to cancellation by the **County** at any time up to the date that work under this agreement has been authorized and that such cancellation will not create any liability on the part of the **County**. However, the **County** will review and reimburse the **Utility** for eligible costs incurred by the **Utility** in preparation of this Agreement.

The **Utility** acknowledges to and for the benefit of the **County** and State of Texas that it understands the project under this Agreement is eligible for Federal-aid highway funds and as such, requires all of the iron, steel, and manufactured goods used in the project be produced in the United States ("Buy American Requirements") including iron, steel, and manufactured goods provided by the **Utility** pursuant to this Agreement.

The State Auditor may conduct an audit or investigation of any entity receiving funds from the **County** directly under this contract or indirectly through a subcontract under this contract. Acceptance of funds directly under this contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the State Auditor, under the direction of the Legislative Audit Committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

The **Utility** by execution of this agreement does not waive any of the rights which **Utility** may have within the limits of the law.

  
Date  
11/2/15  
Fort Bend County

  
Initial  
Date  
9/24/15  
Fort Bend MUD #142

It is expressly understood that the **Utility** conducts the adjustment, removal, or relocation at its own risk, and that Fort Bend County, Texas makes no warranties or representations regarding the existence or location of utilities currently within its right of way.

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

**UTILITY**

Utility: Fort Bend County Municipal Utility District #142  
Name of Utility

By:   
Authorized Signature

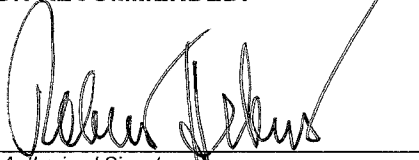
Randal L. Carter  
Print or Type Name

Title: President, Board of Directors

Date: 9/24/15

**EXECUTION RECOMMENDED:**


**COUNTY**


By:   
Authorized Signature

Robert E. Hebert  
Print or Type Name

Title: Fort Bend county Judge

Date: November 3, 2015

 11/2/15  
Date  
Fort Bend County

 9/24/15  
Initial Date  
Fort Bend MUD #142

## CONSTRUCTION OF F.M. 1093 TRUNK UTILITY RELOCATION FOR FORT BEND COUNTY M.U.D. NO. 142 FORT BEND COUNTY, TEXAS

(NO PLAT FOR THIS PROJECT)  
(NO PROPOSED STORM SEWER FOR THIS PROJECT)

## NOT FOR CONSTRUCTION

### INDEX OF DRAWINGS

Sheet No.	TITLE
1	COVER SHEET & INDEX
2	GENERAL CONSTRUCTION NOTES
3	GENERAL CONSTRUCTION LAYOUT - WATER & SANITARY OVERALL

### PLAN & PROFILE

BASELINE NAME	STATION
BASELINE "A"	STA 0+00 TO STA 5+00
BASELINE "B"	STA 5+00 TO STA 9+50
BASELINE "C"	STA 9+50 TO STA 14+00
BASELINE "D"	STA 14+00 TO STA 18+50
BASELINE "E"	STA 18+50 TO STA 23+50
BASELINE "F"	STA 23+50 TO STA 28+50
BASELINE "G"	STA 28+50 TO STA 3+00
BASELINE "H"	STA 3+00 TO STA 4+50

### DETAILS

- 11 STORM WATER POLLUTION PREVENTION PLAN
- 12 STORM WATER POLLUTION PREVENTION PLAN DETAILS
- 13 MISCELLANEOUS DETAILS & TRAFFIC CONTROL PLAN

### NOTES

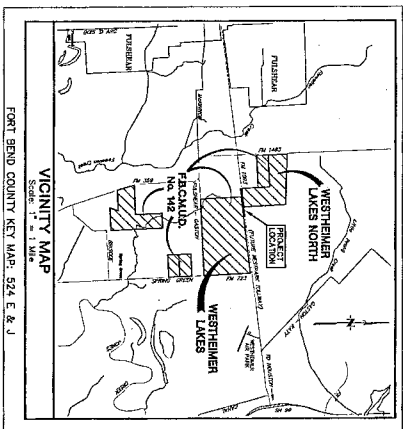
These plans were prepared to meet or exceed the specifications and requirements of the City of Houston, Texas and Fort Bend County, Texas as currently amended, whichever is more stringent.

Approval by Fort Bend County will be deemed void if construction has not begun within one year of approval date.

Construction will be monitored by a registered professional engineer of JONES AND CARTER, INC.

Contractor shall notify the Fort Bend County Engineering Department at least 48 hours prior to commencement of (28) 8:30-7:00.

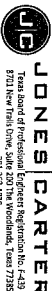
**ONE-CALL NOTIFICATION SYSTEM  
CALL BEFORE YOU DIG**  
(713) 223-4567 (In Houston)  
(New Schedule Number Outside Houston)  
- OR -  
TOLLFREE (800) 853-8333  
- OR -  
TOLLFREE (800) 853-8333  
LONG STATE NOTIFICATION CENTER: 1-800-668-8344  
**CALL AT LEAST 2 WORKING DAYS  
(48 HOURS) BEFORE YOU DIG**



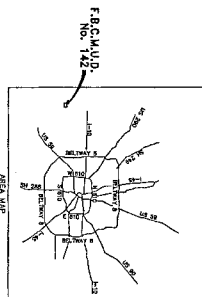
I, CLAYTON C. CHABANIS, a Professional Engineer registered in the State of Texas, hereby certify that I am the author of these plans and that I am not providing my services under any contract or agreement that would prevent me from providing similar services to other clients.

CLAYTON C. CHABANIS, P.E. \_\_\_\_\_ Date \_\_\_\_\_

JULY 2015



**JONES & CARTER**  
Texas Board of Professional Engineers Registration No. 4430  
8701 New Trails Drive, Suite 200 The Woodlands, Texas 77380  
281.543.4035



DATE: \_\_\_\_\_ ENGINEER'S SIGNATURE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 APPROVAL: \_\_\_\_\_  
 DATE: \_\_\_\_\_

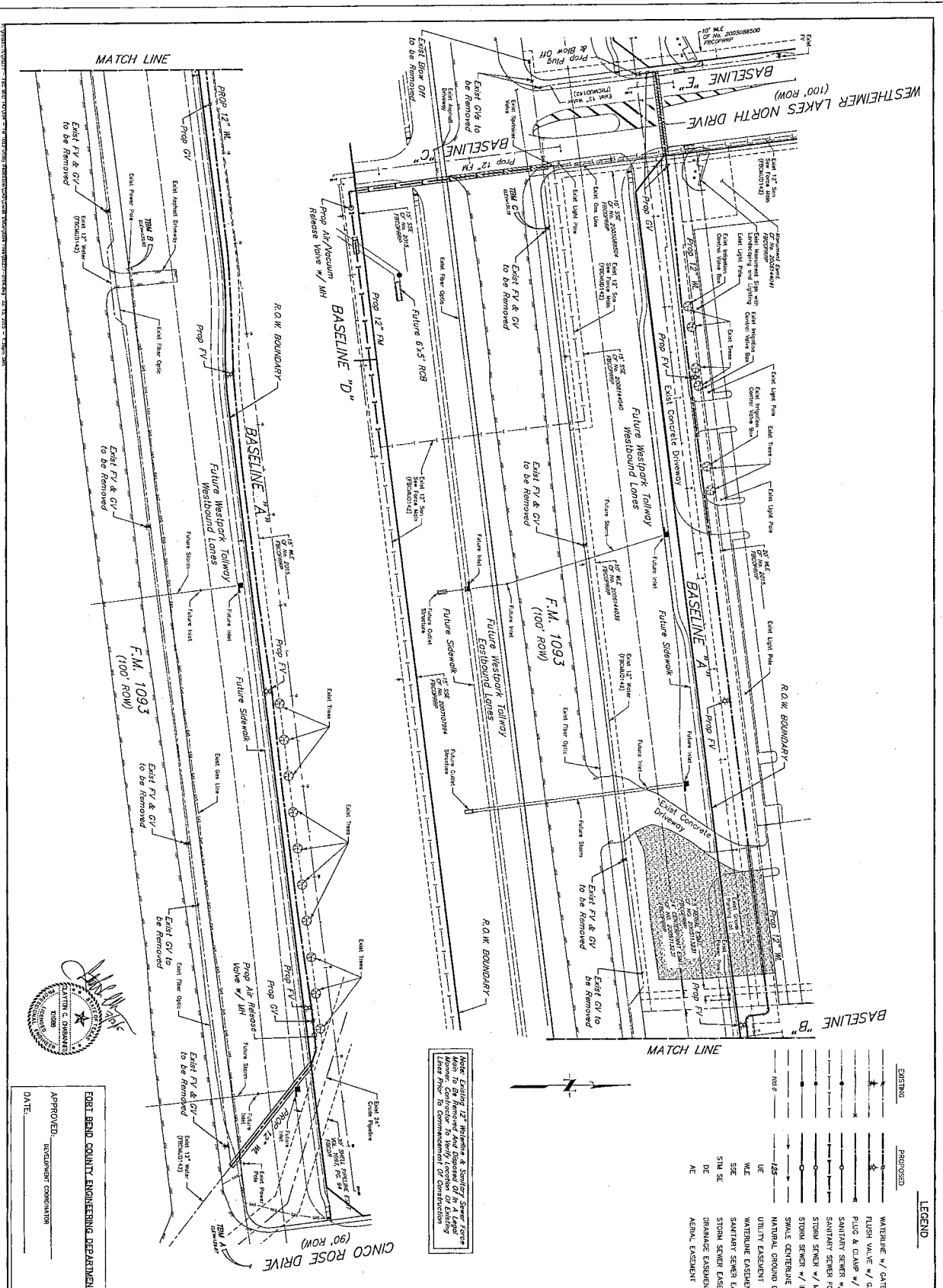


FORT BEND COUNTY

PLANS No. 15011434  
 COH LOC No. 15-0157

<p>SEARCHED BY: OTTOM SHERMAN, FB 101.          DATE: 7/15/15          CITY OF HOUSTON</p>	
<p>DESIGNED BY: _____          CHECKED BY: _____          DATE: _____</p>	<p>FOR CITY OF HOUSTON USE ONLY          CITY MAP NO. _____</p>
<p>SHEET NO. 1 OF 13</p>	<p>DIRECTOR OF PUBLIC WORKS AND ENGINEERING</p>





**LEGEND**

EXISTING	PROPOSED
WATERLINE w/ GATE VALVE	WATERLINE w/ GATE VALVE
FURSH VALVE w/ GATE VALVE	FURSH VALVE w/ GATE VALVE
PLUG & CLAMP w/ BLOW OFF	PLUG & CLAMP w/ BLOW OFF
SANITARY SEWER w/ MANHOLE	SANITARY SEWER w/ MANHOLE
SANITARY SEWER FORCE MAIN	SANITARY SEWER FORCE MAIN
STORM SEWER w/ MANHOLE	STORM SEWER w/ MANHOLE
SMALL CENTERLINE	SMALL CENTERLINE
NATURAL GROUND CONTOUR	NATURAL GROUND CONTOUR
UTILITY EASEMENT	UTILITY EASEMENT
WATERLINE EASEMENT	WATERLINE EASEMENT
SANITARY SEWER EASEMENT	SANITARY SEWER EASEMENT
STORM SEWER EASEMENT	STORM SEWER EASEMENT
DRAINAGE EASEMENT	DRAINAGE EASEMENT
AERIAL EASEMENT	AERIAL EASEMENT

**NOTICE TO CONTRACTOR**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

**PRIVATE UTILITY LINES SHOWN**

ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.

**DATE:** 01-20-2011

**PROJECT:** F.M. 1093 WATER & SEWER EASEMENT

**CLIENT:** FORT BEND COUNTY

**FORT BEND COUNTY ENGINEERING DEPARTMENT**

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

**JONES CARTER**

GENERAL CONSTRUCTION LAYOUT

WATER & SANITARY OVERALL

DATE: 01-20-2011



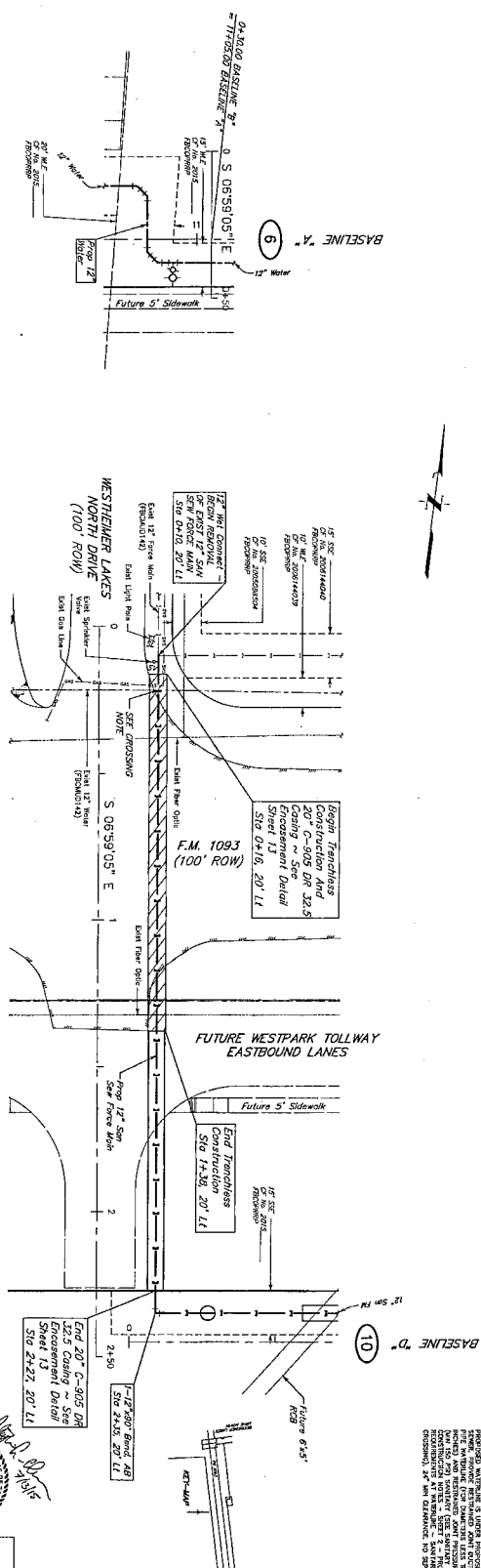








**BRUSH MARKS:** BRUSH MARKS SHALL BE PLACED AT THE END OF EACH SECTION OF THE TRENCH TO INDICATE THE LOCATION OF THE BRUSH MARKS. THE BRUSH MARKS SHALL BE PLACED AT THE END OF EACH SECTION OF THE TRENCH TO INDICATE THE LOCATION OF THE BRUSH MARKS. THE BRUSH MARKS SHALL BE PLACED AT THE END OF EACH SECTION OF THE TRENCH TO INDICATE THE LOCATION OF THE BRUSH MARKS.



CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES OF CONSTRUCTION

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118	118
116	116



APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 FORT BEND COUNTY ENGINEERING DEPARTMENT  
 EQUIPMENT COMPANION

NO. DATE REVISIONS

1 04/11/11

2 04/11/11

3 04/11/11

4 04/11/11

5 04/11/11

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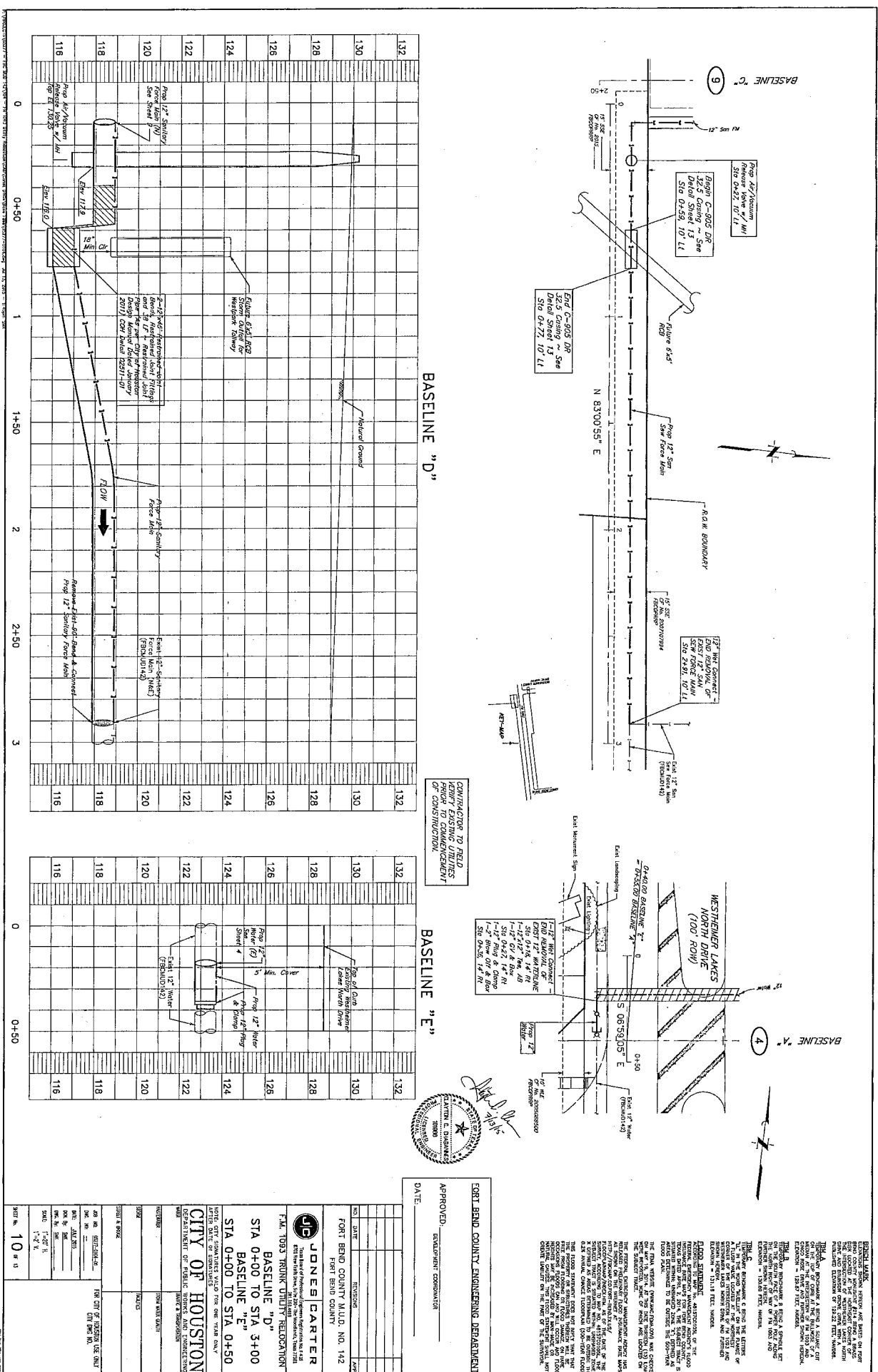
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CONVIANTOR TO FIELD VERIFY EXISTING UTILITIES OF CONSTRUCTION

BASELINE "E"



ERTI BEND COUNTY ENGINEERING DEPARTMENT  
 APPROVED: \_\_\_\_\_  
 EQUIPMENT COORDINATOR  
 DATE: \_\_\_\_\_

NO.	DATE	REVISIONS

FORT BEND COUNTY AUD. NO. 142  
 FORT BEND COUNTY  
**JONES CARTER**  
 Total State of Professional Engineer Registration No. 1418  
 State of Texas License No. 10000  
 4815 West Loop South, Suite 200, Houston, Texas 77025  
**BASELINE "D"**  
**STA 0+00 TO STA 3+00**  
**BASELINE "E"**  
**STA 0+00 TO STA 0+50**

CITY OF HOUSTON  
 DATE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 FAX: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 STATE: \_\_\_\_\_  
 SIZE: 11" x 17"

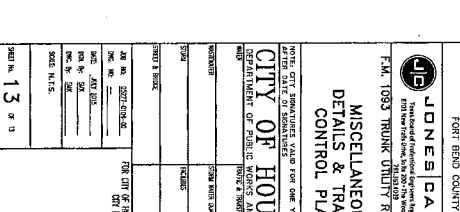
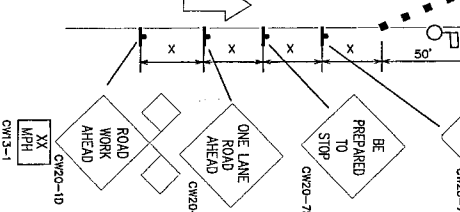
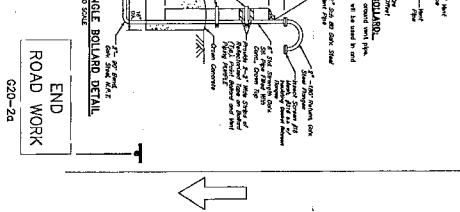
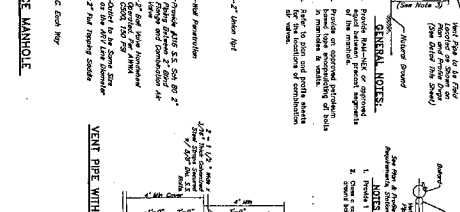
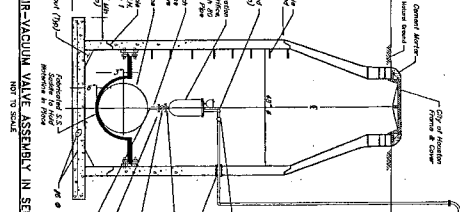
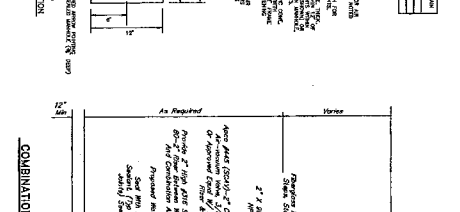
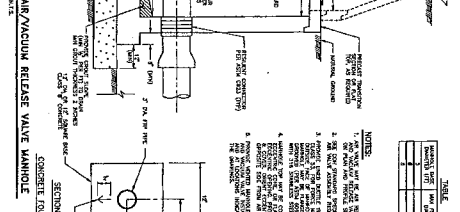
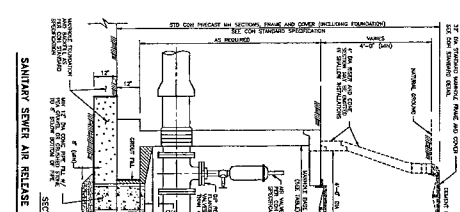
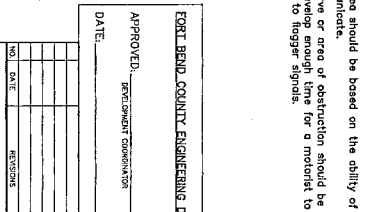
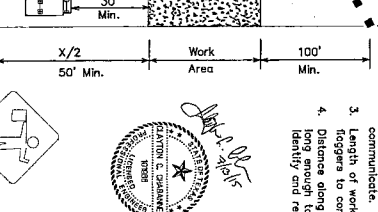
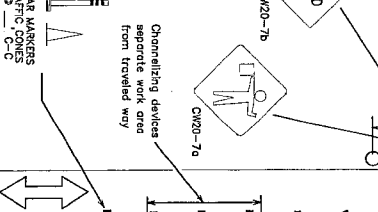
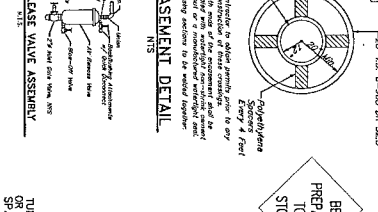
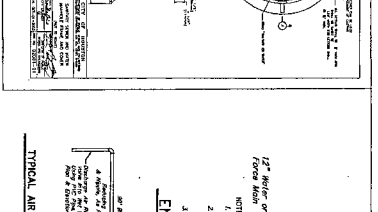
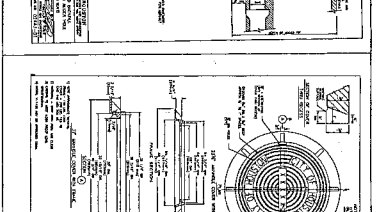
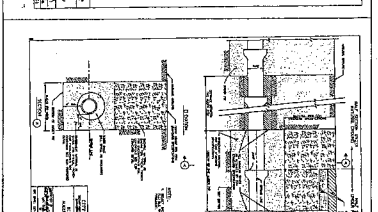
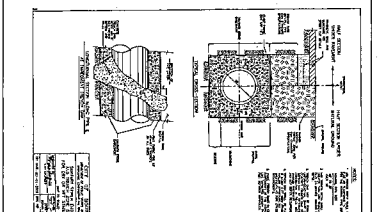
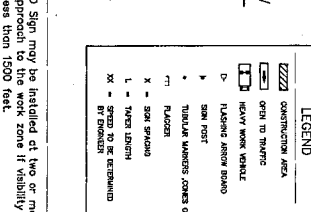
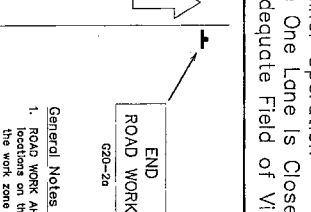
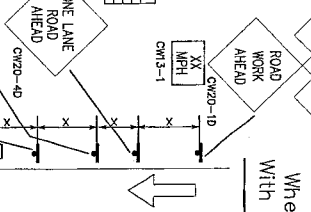
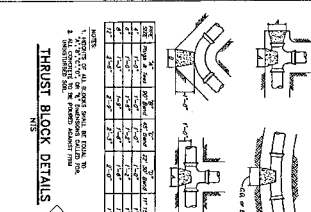
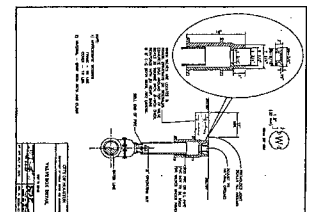
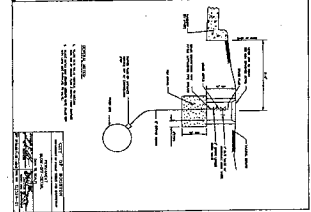
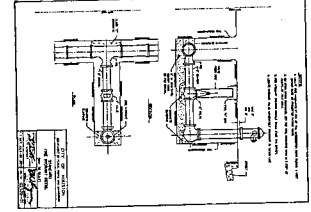
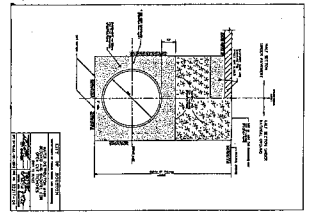
SHEET NO. 10 OF 11

**BENCH MARK**  
 THE BENCH MARK SHOWN HEREON HAS BEEN SET BY THE FORT BEND COUNTY ENGINEERING DEPARTMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE TEXAS PROFESSIONAL ENGINEERING ACT AND THE REGULATIONS OF THE BOARD OF ENGINEERING EXAMINERS. THE BENCH MARK IS LOCATED AT THE INTERSECTION OF WEST LOOP SOUTH AND FORT BEND COUNTY ROAD 142. THE BENCH MARK IS A 12" DIA. IRON PIPE SET IN CONCRETE. THE BENCH MARK IS TO BE USED AS A REFERENCE POINT FOR ALL SURVEYING AND CONSTRUCTION WORK. THE BENCH MARK IS TO BE MAINTAINED AND PROTECTED AT ALL TIMES. THE BENCH MARK IS TO BE RE-SET AT THE DISCRETION OF THE FORT BEND COUNTY ENGINEERING DEPARTMENT. THE BENCH MARK IS TO BE RE-SET AT THE DISCRETION OF THE FORT BEND COUNTY ENGINEERING DEPARTMENT. THE BENCH MARK IS TO BE RE-SET AT THE DISCRETION OF THE FORT BEND COUNTY ENGINEERING DEPARTMENT.

**TABLE C**  
 THE FOLLOWING INFORMATION IS FOR THE ENGINEER'S USE ONLY. IT IS THE ENGINEER'S RESPONSIBILITY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. THE INFORMATION IS TO BE USED AS A REFERENCE POINT FOR ALL SURVEYING AND CONSTRUCTION WORK. THE INFORMATION IS TO BE MAINTAINED AND PROTECTED AT ALL TIMES. THE INFORMATION IS TO BE RE-SET AT THE DISCRETION OF THE FORT BEND COUNTY ENGINEERING DEPARTMENT. THE INFORMATION IS TO BE RE-SET AT THE DISCRETION OF THE FORT BEND COUNTY ENGINEERING DEPARTMENT. THE INFORMATION IS TO BE RE-SET AT THE DISCRETION OF THE FORT BEND COUNTY ENGINEERING DEPARTMENT.

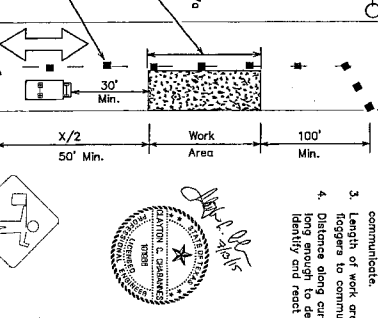




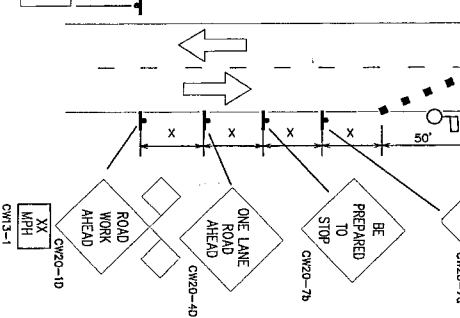


Minor Operation  
Where One Lane Is Closed  
With Adequate Field of View

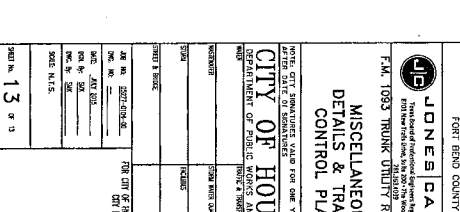
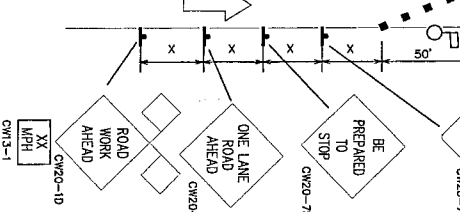
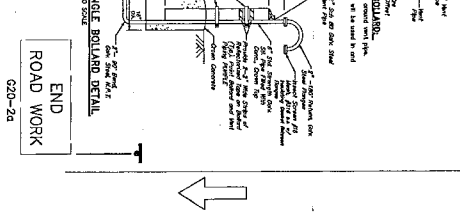
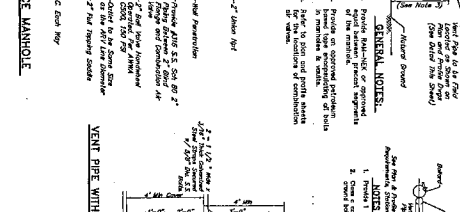
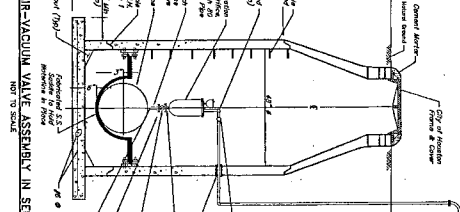
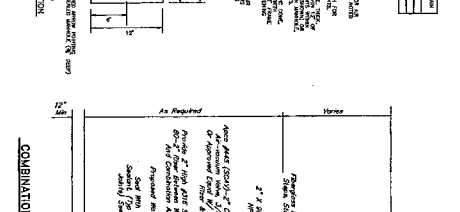
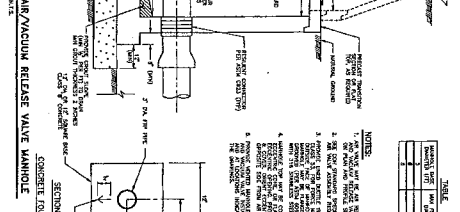
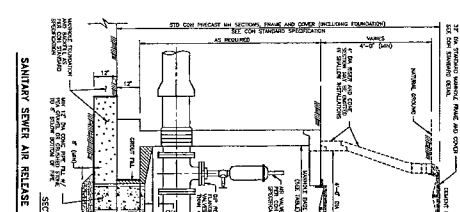
General Notes  
1. ROAD WORK AHEAD Sign may be installed at two or more locations on the approach to the work zone if visibility or the work zone is less than 1500 feet.  
2. Flaggers should use two-way radios or other method to communicate.  
3. Length of work area should be based on the ability of flaggers to communicate.  
4. Distance along curve or area of obstruction should be long enough to develop enough time for a motorist to identify and react to flagger signals.



LEGEND  
ZZZZ OBSTRUCTION AREA  
ORH TO TRAFFIC  
HAYWY WORK ZONE  
FLASHING ARROW BOARD  
SIGN POST  
TUBULAR MARKERS CONES OR CHAINS  
FLAGGER  
X = SIGN LENGTH  
XX = SPACE TO BE REPRODUCED BY ENGLISH



LEGEND  
ZZZZ OBSTRUCTION AREA  
ORH TO TRAFFIC  
HAYWY WORK ZONE  
FLASHING ARROW BOARD  
SIGN POST  
TUBULAR MARKERS CONES OR CHAINS  
FLAGGER  
X = SIGN LENGTH  
XX = SPACE TO BE REPRODUCED BY ENGLISH



APPROVED: [Signature]  
DATE: [Date]

FOR: FORT BEND COUNTY ENGINEERING DEPARTMENT  
MISCELLANEOUS DETAILS & TRAFFIC CONTROL PLAN  
CITY OF HOUSTON  
13

# Exhibit B

PRELIMINARY CONSTRUCTION COST ESTIMATE & REIMBURSEMENT BREAKOUT  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 142  
 WATERLINE & SANITARY SEWER FORCE MAIN RELOCATIONS FOR WESTPARK TOLLWAY EXTENSION  
 July 13, 2015

No.	Description	Unit	Quantity	Unit Price	Cost	REIMBURSABLE		NON-REIMBURSABLE	
						% Amount	Total Cost	% Amount	Total Cost
<b>WATER DISTRIBUTION:</b>									
1.	12-Inch Waterline with Valves & Fittings <sup>(1)</sup>	L.F.	1,000	\$ 55	\$ 55,000	100%	\$ 55,000	0%	\$ -
2.	12-Inch Restrained Joint Waterline <sup>(1)</sup>	L.F.	330	75	24,750	100%	24,750	0%	-
3.	12-Inch Waterline with Valves & Fittings <sup>(2)</sup>	L.F.	875	55	48,125	0%	-	100%	48,125
4.	12-Inch Restrained Joint Waterline <sup>(2)</sup>	L.F.	145	75	10,875	0%	-	100%	10,875
5.	Additional Cost for Trenchless Construction <sup>(3)</sup>	L.F.	330	125	41,250	100%	41,250	0%	-
6.	Additional Cost for 20" Casing <sup>(1)</sup>	L.F.	95	100	9,500	100%	9,500	0%	-
7.	Additional Cost for 20" Casing <sup>(2)</sup>	L.F.	145	100	14,500	0%	-	100%	14,500
8.	Flushing Valves <sup>(1)</sup>	Ea.	2	5,000	10,000	100%	10,000	0%	-
9.	Flushing Valves <sup>(2)</sup>	Ea.	4	5,000	20,000	0%	-	100%	20,000
10.	2-Inch Blow Off with Box <sup>(1)</sup>	Ea.	1	2,000	2,000	100%	2,000	0%	-
11.	Air Release Manhole <sup>(2)</sup>	Ea.	1	9,000	9,000	0%	-	100%	9,000
12.	Te-1n to Existing Waterline <sup>(3)</sup>	Ea.	2	1,000	2,000	50%	1,000	50%	1,000
13.	Remove Existing Flushing Valves <sup>(1)</sup>	Ea.	3	1,000	3,000	100%	3,000	0%	-
14.	Remove Existing Flushing Valves <sup>(2)</sup>	Ea.	4	1,000	4,000	0%	-	100%	4,000
15.	Remove Existing 12-Inch Waterline <sup>(1)</sup>	L.F.	1,165	15	17,475	100%	17,475	0%	-
16.	Remove Existing 12-Inch Waterline <sup>(2)</sup>	L.F.	1,280	15	19,200	0%	-	100%	19,200
<b>Water Distribution Subtotal</b>					<b>\$ 290,675</b>		<b>\$ 163,975</b>		<b>\$ 126,700</b>
<b>SANITARY SEWER FORCE MAIN:</b>									
1.	12-Inch Sanitary Sewer Force Main <sup>(1)</sup>	L.F.	290	\$ 55	\$ 15,950	100%	\$ 15,950	0%	\$ -
2.	12-Inch Sanitary Sewer Force Main <sup>(2)</sup>	L.F.	220	75	16,500	0%	-	100%	16,500
3.	Additional Cost for Trenchless Construction <sup>(1)</sup>	L.F.	125	125	15,625	0%	-	100%	15,625
4.	Additional Cost for 20" Casing <sup>(2)</sup>	L.F.	215	100	21,500	0%	-	100%	21,500
5.	Air Release Manhole <sup>(1)</sup>	Ea.	1	9,000	9,000	100%	9,000	0%	-
6.	Te-1n to Existing Sanitary Sewer Force Main <sup>(3)</sup>	Ea.	2	1,000	2,000	50%	1,000	50%	1,000
7.	Remove Existing 12-Inch Force Main <sup>(1)</sup>	L.F.	300	15	4,500	100%	4,500	0%	-
8.	Remove Existing 12-Inch Force Main <sup>(2)</sup>	L.F.	200	15	3,000	0%	-	100%	3,000
<b>Sanitary Sewer Subtotal</b>					<b>\$ 88,075</b>		<b>\$ 30,450</b>		<b>\$ 57,625</b>
<b>Water &amp; Sanitary Sewer Subtotal</b>					<b>\$ 378,750</b>	<b>51%</b>	<b>\$ 194,425</b>	<b>49%</b>	<b>\$ 184,325</b>



No.	Description	Unit	Quantity	Unit Price	Cost	REIMBURSABLE		NON-REIMBURSABLE	
						% Amount	Total Cost	% Amount	Total Cost
<b>STORM WATER POLLUTION PREVENTION:</b>									
1.	Reinforced Filter Fabric Fence	L.F.	1,200	\$ 2.50	\$ 3,000	100%	\$ 3,000	0%	\$ -
2.	Stabilized Construction Entrance	Ea.	1	2,000	2,000	51%	1,027	49%	973
3.	Hydro-mulch Seeding ROW & Adj. Easements	Ac.	1	2,000	2,000	51%	1,027	49%	973
	<b>Storm Water Pollution Prevention Subtotal</b>				<b>\$ 7,000</b>		<b>\$ 5,053</b>		<b>\$ 1,947</b>
<b>MISCELLANEOUS:</b>									
1.	Mobilization, Bonds & Insurance	L.S.	1	\$ 20,000	\$ 20,000	51%	\$ 10,267	49%	\$ 9,733
2.	Haul Off Utility Excavation	C.Y.	690	15	10,350	51%	5,313	49%	5,037
3.	Trench Safety	L.F.	1,840	2	3,680	51%	1,889	49%	1,791
4.	Traffic Control Plan	L.S.	1	15,000	15,000	51%	7,700	49%	7,300
5.	Site Restoration	L.S.	1	1,500	1,500	51%	770	49%	730
6.	Construction Staking	L.S.	1	3,500	3,500	51%	1,797	49%	1,703
	<b>Miscellaneous Subtotal</b>				<b>\$ 54,030</b>		<b>\$ 27,735</b>		<b>\$ 26,295</b>
	<b>Subtotal</b>				<b>\$ 439,780</b>	<b>52%</b>	<b>\$ 227,214</b>	<b>48%</b>	<b>\$ 212,566</b>
	<b>Construction Materials Testing (2% of Subtotal)</b>				<b>\$ 8,800</b>	<b>52%</b>	<b>\$ 4,540</b>	<b>48%</b>	<b>\$ 4,260</b>
	Subtotal <sup>(4)</sup>				\$ 448,580	52%	\$ 231,750	48%	\$ 216,830
	Contingencies <sup>(5)</sup>				43,980	52%	22,722	48%	21,257
	Engineering <sup>(6)</sup>				65,970	52%	34,080	48%	31,880
	Easement Costs <sup>(7)</sup>				50,000	100%	50,000	0%	-
	<b>TOTAL:</b>				<b>\$ 608,530</b>	<b>56%</b>	<b>\$ 338,552</b>	<b>44%</b>	<b>\$ 269,967</b>

Notes:

- (1) This item is located entirely in an existing or proposed easement.
- (2) This item is located entirely in the existing or proposed right-of-way.
- (3) Reimbursable amount is 50% due to one tie-in being located in an existing or proposed easement and the other being located in the existing or proposed right-of-way.
- (4) Cost estimate based on the construction plans prepared by Jones and Carter, Inc. dated 7/13/15.
- (5) Contingencies include a 10% cost for additional, unseen, and future costs from time of proposal.
- (6) Engineering services included in the 15% charge are for design, plan approval, construction administration, and field project representation.
- (7) Best estimated value is included at this time.



JONES | CARTER

## **Exhibit C**

### **Fort Bend County**

### **Municipal Utility Distric #142 Schedule**

Bid Date – October 15, 2015

Board Approval – November 12, 2015

Start Date – November 19, 2015

Completion Date – January 14, 2016