

SPECIAL, 5/16/2016 1:30:00 PM

BE IT REMEMBERED that on May 16, 2016, there was begun and holden a SPECIAL session of the Commissioners Court of Jefferson County, Texas, with the following members and officers present and participating except those absent as indicated:

Honorable Jeff Branick, County Judge

Commissioner Eddie Arnold, Commissioner Pct. No. 1

Commissioner Brent Weaver, Commissioner Pct. No. 2

Commissioner Michael Sinegal, Commissioner Pct. No. 3

Commissioner Everette D. Alfred, Commissioner Pct. No. 4
(ABSENT)

Honorable G. Mitch Woods, Sheriff

Honorable Carolyn L. Guidry , County Clerk

When the following proceedings were had and orders made, to-wit:

Notice of Meeting and Agenda and Minutes
May 16, 2016

Jeff R. Branick, County Judge
Eddie Arnold, Commissioner, Precinct One
Brent A. Weaver, Commissioner, Precinct Two
Michael S. Sinegal, Commissioner, Precinct Three
Everette "Bo" Alfred, Commissioner, Precinct Four



**NOTICE OF MEETING AND AGENDA
OF COMMISSIONERS' COURT
OF JEFFERSON COUNTY, TEXAS
May 16, 2016**

Notice is hereby given that the Commissioners' Court of Jefferson County, Texas, will meet at **1:30 PM**, on the **16th** day of **May 2016** at its regular meeting place in the Jury Impaneling room, Jefferson County Courthouse, 1085 Pearl Street, Beaumont, Texas. Until further notice.

Said meeting will be a **Special** for the purpose of transacting the routine business of the County. Persons with disabilities requiring auxiliary aids for services who wish to attend this meeting should contact the County Judge's Office to arrange for assistance.

In addition to the routine business of the County, the subject of said meeting will be the following:

INVOCATION: Michael S. Sinegal, Commissioner, Precinct Three

PLEDGE OF ALLEGIANCE: Eddie Arnold, Commissioner, Precinct One

COUNTY AGRILIFE EXTENSION:

1. Receive and consider a Presentation by Dale Fritz, PhD, District Administrator, Texas A&M AgriLife Extension Service, to approve Ms. Chinatu Gladrich to fill the vacant Jefferson County Extension Agent-Family and Consumer Sciences position.

Presentation by Ms. Garlick in the absence of Dr. Fritz.

Motion by: Commissioner Arnold

Second by: Commissioner Weaver

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

COUNTY AUDITOR:

2. Consider and approve budget transfer - County Court at Law II - additional cost for recusals.

120-2052-412-5077	CONTRACTUAL SERVICE	\$1,250.00	
120-2052-412-2003	EMPLOYEES' INSURANCE		\$1,250.00

SEE ATTACHMENTS ON PAGES 7 - 7

Motion by: Commissioner Weaver

Second by: Commissioner Sinegal

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

3. Consider and approve budget transfer - Constable Pct.7 - additional cost for purchase of gun safe.

120-3071-425-3084	MINOR EQUIPMENT	\$575.00	
120-3071-425-3010	BOOKS-PRINTED		\$200.00
120-3071-425-4054	TELEPHONE		\$375.00

SEE ATTACHMENTS ON PAGES 8 - 8

Motion by: Commissioner Weaver

Second by: Commissioner Sinegal

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

Notice of Meeting and Agenda and Minutes
May 16, 2016

4. Receive and file SMG Operations - Ford Park Audited Financial Statements for the period ending September 30, 2015.

SEE ATTACHMENTS ON PAGES 9 - 17

Motion by: Commissioner Weaver

Second by: Commissioner Sinegal

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

5. Receive and file the SMG Operations - Ford Park SAS 114 letter from Pattillo, Brown & Hill, LLP for the fiscal year ending September 30, 2015.

SEE ATTACHMENTS ON PAGES 18 - 20

Motion by: Commissioner Weaver

Second by: Commissioner Sinegal

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

6. Receive and file the Passenger Facility Charge Audit for Public Agencies for the year ending September 30, 2015.

SEE ATTACHMENTS ON PAGES 21 - 30

Motion by: Commissioner Weaver

Second by: Commissioner Sinegal

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

7. Regular County Bills - check #420502 through checks #420782.

SEE ATTACHMENTS ON PAGES 31 - 40

Motion by: Commissioner Weaver

Second by: Commissioner Sinegal

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

COUNTY COMMISSIONERS:

8. Consider and possibly approve the change in off days that are granted for the Christmas 2016 break, from Monday December 26th & Tuesday 27th to be changed to Friday December 23rd & Monday 26th for County employees.

SEE ATTACHMENTS ON PAGES 41 - 41

Motion by: Commissioner Weaver

Second by: Commissioner Arnold

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

COUNTY TREASURER:

9. Receive and File Investment Schedule for April, 2016, including the year to date total earnings on County funds.

SEE ATTACHMENTS ON PAGES 42 - 44

Motion by: Commissioner Sinegal

Second by: Commissioner Arnold

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

ENGINEERING:

10. Consider and possibly approve a Minor Plat for Westbury Estates, a 9.154 acre tract into Lots 1 - 4, located off of West Road in Precinct No. 1. It is within the City of Beaumont's 3-5 mile ETJ area (extra-territorial jurisdiction).

SEE ATTACHMENTS ON PAGES 45 - 46

Action: TABLED

11. Consider and possibly approve a Minor Plat for Reynolds Farm, a 17.154 acre tract of land out of the T and No RR Co. survey, located along Highway 365. This project is located in Precinct 4.

SEE ATTACHMENTS ON PAGES 47 - 47

Motion by: Commissioner Weaver

Second by: Commissioner Arnold

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

Notice of Meeting and Agenda and Minutes
May 16, 2016

12. Consider and possibly approve the Construction Plans for Phase 3A of the Doguet's Diamond 'D' subdivision. This project is located off of Highway 90 in Precinct No. 1. This phase is the extension of an existing road known as Michelle Lane.

SEE ATTACHMENTS ON PAGES 48 - 59

Motion by: Commissioner Weaver

Second by: Commissioner Arnold

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

13. Execute, receive and file Pipeline Permit 01-P-16 to Chevron Phillips Chemical Company LP for the distribution of Ethane-Feedstock, and a pipeline for LPG-Feedstock starting from the Chevron Phillips Company LP Cedar Bayou Plant. This project is located in Precincts 3 and 4.

SEE ATTACHMENTS ON PAGES 60 - 91

Motion by: Commissioner Weaver

Second by: Commissioner Arnold

In favor: County Judge Branick, Commissioner Arnold, Commissioner Weaver, Commissioner Sinegal

Action: APPROVED

Other Business:

*****DISCUSSION ON ANY OTHER ITEM NOT ON AGENDA WITHOUT TAKING ACTION.**

Receive reports from Elected Officials and staff on matters of community interest without taking action.

Jeff R. Branick
County Judge

MEMORANDUM

TO: COMMISSIONERS COURT
FROM: JUDGE CORY CRENSHAW
SUBJECT: BUDGET TRANSFER
DATE: MAY 9, 2016

The following budget transfer for the County Court at Law II is necessary for additional cost for contractual services for services related to a visiting judge for recusal motions. At this time, all pending recusal motions are resolved as the visiting judge denied all such motions.

120-2052-412-5077 Contractual Services \$1,250

120-2052-412-2003 Employees Insurance \$1,250



Jeff Greenway

Constable, Precinct 7

7933 Viterbo Road, Suite 5 • Beaumont, TX 77705
 (409) 719-5990 Fax (409) 721-6017

May 10, 2016

To: Fran Lee, Budget Manager.

Please transfer \$200.00 from account "books" and \$375.00 from account "telephone" to account "Minor Equipment" for the purchase of a gun safe, Thank you.

120 - 3071 - 425 - 3084
 120 - 3071 425 - 3010
 120 - 3071 425 - 4054

575

200
 375

Approved:

Jeff Greenway

 Constable, Jeff Greenway Pct. 7

SMG OPERATIONS – FORD PARK

AUDITED FINANCIAL STATEMENTS

SEPTEMBER 30, 2015

SMG OPERATIONS – FORD PARK

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P A T T I L L O , B R O W N & H I L L , L L P .
 CERTIFIED PUBLIC ACCOUNTANTS ■ BUSINESS CONSULTANTS

INDEPENDENT AUDITORS' REPORT

To the Management of
 SMG/Ford Park
 Beaumont, Texas

Report on the Financial Statements

We have audited the accompanying financial statements of SMG Operations – Ford Park as of and for the year ended September 30, 2015, and the related notes to the financial statements, as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of SMG Operations – Ford Park as of September 30, 2015, and the changes in financial position and cash flows thereof, for the year then ended, in conformity with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note 1, the financial statements present only the operations managed by SMG Operations – Ford Park, and do not purport to, and do not, present fairly the financial position of Jefferson County, Texas, as of September 30, 2015, the changes in its financial position, or, where applicable, its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Pattillo, Brown & Hill, L.L.P.

Waco, Texas
May 9, 2016

SMG OPERATIONS - FORD PARK**STATEMENT OF NET POSITION****SEPTEMBER 30, 2015****ASSETS**

Current assets:

Cash and investments	\$	643,643
Accounts receivable (note 2)		130,417
Prepaid expenses		9,861
Inventory, at cost		<u>49,833</u>
Total assets		<u>833,754</u>

LIABILITIES

Current liabilities:

Accounts payable		75,290
Accrued expenses		211,110
Unearned revenue (note 3)		109,572
Customer deposits		<u>77,272</u>
Total liabilities		<u>473,244</u>

NET POSITION

Unrestricted	\$	<u><u>360,510</u></u>
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The accompanying notes to the financial statements are an integral part of the statement.

SMG OPERATIONS - FORD PARK

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2015

OPERATING REVENUES

Charges for services	\$ 3,359,698
Total operating revenues	<u>3,359,698</u>

OPERATING EXPENSES

Administrative	123,814
Contracted services	2,655
Insurance	439,105
Event expenses	1,732,250
Maintenance and repairs	341,197
Management fees	129,433
Materials and supplies	118,065
Operations expenses	106,072
Salaries and benefits	1,468,411
Utilities	<u>896,190</u>
Total operating expenses	<u>5,357,192</u>

OPERATING INCOME BEFORE TRANSFERS (1,997,494)

TRANSFERS 1,784,508

CHANGE IN NET POSITION (212,986)

NET POSITION, BEGINNING 573,496

NET POSITION, ENDING \$ 360,510

The accompanying notes to the financial statements are an integral part of the statement.

SMG OPERATIONS - FORD PARK

STATEMENT OF CASH FLOWS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2015

CASH FLOWS FROM OPERATING ACTIVITIES

Receipts from customers and users	\$ 3,354,438
Payments to employees	(1,445,829)
Payments to suppliers	(3,946,576)
Net cash used by operating activities	<u>(2,037,967)</u>

CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES

Transfers in	<u>1,784,508</u>
Net cash provided by noncapital financing activities	<u>1,784,508</u>

NET DECREASE IN CASH (253,459)

CASH AND CASH EQUIVALENTS, BEGINNING 897,102

CASH AND CASH EQUIVALENTS, ENDING 643,643

RECONCILIATION OF OPERATING LOSS TO NET

CASH USED BY OPERATING ACTIVITIES

Operating loss	(1,997,494)
Net cash used by operating activities:	
Changes in assets and liabilities	
Accounts receivable	(69,349)
Prepaid expenses	(6,947)
Inventory	(18,065)
Customer deposits	34,617
Accounts payable	(38,337)
Accrued expenses	28,136
Deferred revenue	<u>29,472</u>
Total changes in assets and liabilities	<u>(40,473)</u>
Net cash used by operating activities	<u><u>\$(2,037,967)</u></u>

The accompanying notes to the financial statements are an integral part of the statement.

SMG OPERATIONS – FORD PARK

NOTES TO FINANCIAL STATEMENTS

SEPTEMBER 30, 2015

I. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Jefferson County, Texas (the “County”) was created in 1836 and organized in 1837 as one of the original counties of the Republic of Texas. The County operates under a Commissioners’ Court form of government. Some of the services of the County include operation of a detention system, construction and maintenance of roads, various levels of civil and criminal courts, a district attorney’s office, a county sheriff’s department, juvenile probation and detention, a mosquito control, a library, and other public health and social welfare services. The following is a summary of the most significant accounting and reporting policies and practices used by the County.

A. Reporting Entity

The accompanying financial statements include only the revenue and expenditures related to operations at Ford Park managed by SMG.

B. Special Purpose Financial Statements

The County owns Ford Park, which consists of an amphitheater, arena, midway, exhibition hall, agricultural barns, and softball diamonds. The County has engaged SMG to manage, operate, and promote the facilities which comprise Ford Park. SMG is responsible for paying the operating expenses at Ford Park from revenues generated by the facilities at Ford Park. In the event operating expenses exceed operating revenues, the County is required to fund this excess.

C. Basis of Presentation – Fund Accounting

Jefferson County uses funds and account groups to report its financial position and results of its operations. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities.

D. Basis of Accounting

The financial statements are presented on the accrual basis of accounting. Revenues are recognized when earned, and expenses when they are incurred. The operations are accounted for using a cost of service or “capital maintenance” measurement focus. This means that all assets and liabilities (whether current or non-current) associated with their activity are included in the fund’s statement of net position.

E. Capital Assets

Jefferson County has decided that all the capital assets relating to Ford Park should be accounted for by the County in order to maintain proper accountability and control.

F. Statement of Cash Flows

For purposes of the statement of cash flows, all highly liquid investments with a maturity of three months or less when purchased are considered to be cash equivalents.

G. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

II. ACCOUNTS RECEIVABLE

Accounts receivable consisted of the following as of September 30, 2015:

Billed settlement charges -	
Rent and other event expenses	\$ 132,454
Allowance	(<u>2,037</u>)
	<u>\$ 130,417</u>

III. UNEARNED REVENUE

Unearned revenue consists of income not yet earned on suites sold for Ford Park Arena, advanced ticket sales, and boxes sold for the amphitheater. It also includes unearned sponsorship income and naming rights.



PATILLO, BROWN & HILL, L.L.P.
 CERTIFIED PUBLIC ACCOUNTANTS ■ BUSINESS CONSULTANTS

May 9, 2016

To Management of
 SMG/Ford Park
 Beaumont, Texas

We have audited the financial statements of SMG Operations – Ford Park as of and for the year ended September 30, 2015, and have issued our report thereon dated May 9, 2016. Professional standards require that we advise you of the following matters relating to our audit.

Our Responsibility in Relation to the Financial Statement Audit

As communicated in our engagement letter dated January 4, 2016, our responsibility, as described by professional standards, is to form and express an opinion about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America. Our audit of the financial statements does not relieve you or management of your respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of SMG Operations – Ford Park solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

Planned Scope and Timing of the Audit

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

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 Waco, Texas 76710
 254.772.4901
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HOUSTON, TX
 281.671.6259

RIO GRANDE VALLEY, TX
 956.544.7778

TEMPLE, TX
 254.791.3460

ALBUQUERQUE, NM
 505.266.5904

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 Governmental Audit
 Quality Center

Compliance with All Ethics Requirements Regarding Independence

The engagement team, others in our firm, as appropriate, our firm, and our network firms have complied with all relevant ethical requirements regarding independence.

In order to ensure we maintain our independence for performing these nonaudit services, certain safeguards were applied to this engagement. Management assumed responsibility for the financial statements and related notes to the financial statements and any other nonaudit services we provided. Management acknowledged, in the management representation letter, our assistance with the preparation of the financial statements and related notes to the financial statements and that these items were reviewed and approved prior to their issuance and accepted responsibility for them. Further, the nonaudit services were overseen by an individual within management that has the suitable skill, knowledge, or experience; evaluated the adequacy and results of the services; and accepted responsibility for them.

Qualitative Aspects of the Entity's Significant Accounting Practices

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by SMG Operations – Ford Park is included in Note 1 to the financial statements. There have been no initial selection of accounting policies and no changes in significant accounting policies or their application during the year ended September 30, 2015. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

Management's estimate of the allowance for uncollectible accounts receivable is based on a historical collection rate of trade accounts receivable at September 30, 2015. We evaluated the key factors and assumptions used to develop the allowance for uncollectible accounts receivables and determined that it is reasonable in relation to the basic financial statements taken as a whole and in relation to the applicable opinion units.

Significant Difficulties Encountered during the Audit

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

Uncorrected and Corrected Misstatements

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. None of the misstatements identified by us as a result of our audit procedures and corrected by management were material, either individually or in the aggregate, to the financial statements taken as a whole or applicable opinion units.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to SMG Operations – Ford Park’s financial statements or the auditors’ report. No such disagreements arose during the course of the audit.

Representations Requested from Management

We have requested certain written representations from management, which are included in the management representation letter dated May 9, 2016.

Management’s Consultations with Other Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

Other Significant Matters, Findings, or Issues

In the normal course of our professional association with SMG Operations – Ford Park, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, operating and regulatory conditions affecting the entity, and operational plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as SMG Operations – Ford Park’s auditors.

Restriction on Use

This report is intended solely for the information and use of the Honorable County Judge, Commissioners’ Court, and management of the County and is not intended to be, and should not be, used by anyone other than these specified parties.

Patillo, Brown & Hill, L.L.P.

Waco, Texas
May 9, 2016

JEFFERSON COUNTY, TEXAS

**Independent Auditors' Report on Compliance With
Requirements Applicable to the Passenger Facility Charge
Program and on Internal Control Over Compliance**

**Schedule of Expenditures
of Passenger Facility Charges**

September 30, 2015

JEFFERSON COUNTY, TEXAS

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PATILLO, BROWN & HILL, L.L.P.
 CERTIFIED PUBLIC ACCOUNTANTS ■ BUSINESS CONSULTANTS

**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL
 REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF
 FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH
 GOVERNMENT AUDITING STANDARDS**

To the Honorable County Judge
 and Commissioners Court
 Jefferson County, Texas

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of Jefferson County, Texas, as of and for the year ended September 30, 2015, and the related notes to the financial statements, which collectively comprise Jefferson County, Texas' basic financial statements, and have issued our report thereon dated March 17, 2016.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Jefferson County, Texas' internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Jefferson County, Texas' internal control. Accordingly, we do not express an opinion on the effectiveness of Jefferson County, Texas' internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Jefferson County, Texas' financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Jefferson County, Texas' internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Pattillo, Brown & Hill, L.L.P.

Waco, Texas
March 17, 2016



PATILLO, BROWN & HILL, L.L.P.
CERTIFIED PUBLIC ACCOUNTANTS ■ BUSINESS CONSULTANTS

**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE
WITH REQUIREMENTS APPLICABLE TO THE PASSENGER FACILITY CHARGE
PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE**

To the Honorable County Judge and
Commissioners' Court
Jefferson County, Texas

Compliance

We have audited the compliance of Jefferson County, Texas with the compliance requirements described in the Passenger Facility Charge Audit Guide for Public Agencies, issued by the Federal Aviation Administration (Guide), for its passenger facility charge program for the year ended September 30, 2015. Compliance with the requirements of laws and regulations applicable to its passenger facility charge program is the responsibility of Jefferson County, Texas' management. Our responsibility is to express an opinion on Jefferson County, Texas' compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the Guide. Those standards and the Guide require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on the passenger facility charge program occurred. An audit includes examining, on a test basis, evidence about Jefferson County, Texas' compliance with those requirements and performing such other procedures, as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on Jefferson County, Texas' compliance with those requirements.

In our opinion, Jefferson County, Texas, complied, in all material respects, with the requirements referred to above that are applicable to its passenger facility charge program for the year ended September 30, 2015.

Internal Control Over Compliance

The management of Jefferson County, Texas is responsible for establishing and maintaining effective internal control over compliance with requirements of laws and regulations applicable to the passenger facility charge program. In planning and performing our audit, we considered Jefferson County, Texas' internal control over compliance with requirements that could have direct and material effect on its passenger facility charge program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with the Guide.

Our consideration of the internal control over compliance would not necessarily disclose all matters in the internal control that might be material weaknesses. A material weakness is a condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that noncompliance with applicable requirements of laws and regulations that would be material in relation to the passenger facility charge program being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control over compliance and its operation that we consider to be material weaknesses.

Schedule of Expenditures of Passenger Facility Charges

We have audited the financial statements of Jefferson County, Texas as of and for the year ended September 30, 2015, and have issued our report thereon dated March 17, 2016. Our audit was performed for the purpose of forming an opinion on the financial statements taken as a whole. The accompanying Schedule of Expenditures of Passenger Facility Charges is presented for purposes of additional analysis as specified by the Guide and is not a required part of the financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and, in our opinion is fairly stated, in all material respects, in relation to the financial statements taken as a whole.

This report is intended solely for the information and use of the Commissioners' Court, management and the Federal Aviation Administration and is not intended to be and should not be used by anyone other than these specified parties.

Pattillo, Brown & Hill, L.L.P.

Waco, Texas
March 17, 2016

JEFFERSON COUNTY, TEXAS

PASSENGER FACILITY CHARGES AUDIT SUMMARY

FISCAL YEAR ENDED SEPTEMBER 30, 2015

1. Type of report issued on PFC financial statements	<u>✓</u>	Unqualified	<u> </u>	Qualified
2. Type of report on PFC compliance	<u>✓</u>	Unqualified	<u> </u>	Qualified
3. Quarterly Revenue and Disbursements reconcile with submitted quarterly reports.	<u>✓</u>	Yes	<u> </u>	No
4. PFC Revenue and Interest is accurately reported on FAA Form 5100-127.	<u>✓</u>	Yes	<u> </u>	No
5. The Public Agency maintains a separate financial accounting record for each application.	<u>✓</u>	Yes	<u> </u>	No
6. Funds disbursed were for PFC eligible items as identified in the FAA Decision to pay only for the allowable costs of the projects.	<u>✓</u>	Yes	<u> </u>	No
7. Monthly carrier receipts were reconciled with quarterly carrier reports.	<u>✓</u>	Yes	<u> </u>	No
8. PFC revenues were maintained in a separate interest-bearing capital account or commingled only with other interest-bearing airport capital funds.	<u>✓</u>	Yes	<u> </u>	No
9. Serving carriers were notified of PFC program actions/changes approved by the FAA.	<u>✓</u>	Yes	<u> </u>	No
10. Quarterly Reports were transmitted (or available via website) to remitting carriers.	<u>✓</u>	Yes	<u> </u>	No
11. The Public Agency is in compliance with Assurances 5, 6, 7 and 8.	<u>✓</u>	Yes	<u> </u>	No
12. Project administration is carried out in accordance with Assurance 10.	<u>✓</u>	Yes	<u> </u>	No
13. For those public agencies with excess revenue, a plan for the use of this revenue has been submitted to the FAA for review and concurrence.	<u> </u>	Yes	<u> </u>	No
	<u>✓</u>	N/A		

JEFFERSON COUNTY, TEXAS
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
YEAR ENDED SEPTEMBER 30, 2015

Findings and Questioned Costs

None

JEFFERSON COUNTY, TEXAS

REVENUE AND DISBURSEMENT SCHEDULE OF PASSENGER FACILITY CHARGES

FISCAL YEAR ENDED SEPTEMBER 30, 2015

	Fiscal Year 2014 Program Total	Quarter 1 October - December	Quarter 2 January - March	Quarter 3 April - June	Quarter 4 July - September	Fiscal Year 2015 Total	Fiscal Year 2015 Program Total
Revenue							
Passenger Facility Collections	\$ 842,616	\$ 43,878	\$ 34,129	\$ 42,598	\$ 39,519	\$ 160,124	\$ 1,002,740
Interest	<u>13,408</u>	<u>133</u>	<u>145</u>	<u>198</u>	<u>250</u>	<u>726</u>	<u>14,134</u>
	<u>856,024</u>	<u>44,011</u>	<u>34,274</u>	<u>42,796</u>	<u>39,769</u>	<u>160,850</u>	<u>1,016,874</u>
Application 07-06-C-00-BPT							
I - Airfield Equipment	36,317	-	-	-	-	-	36,317
II - Apron "F" Rehabilitation	28,746	-	-	-	-	-	28,746
III - Airfield Pavement Joint Rehab	9,458	-	-	-	-	-	9,458
IV - Runway 12/30 Rehab	14,751	-	-	-	-	-	14,751
V - Airfield Drainage Improvements	9,228	-	-	-	-	-	9,228
VI - Airfield Electrical Upgrades	-	-	-	-	-	-	-
VII - Administrative Costs	25,675	-	-	-	-	-	25,675
VIII - Pavement Maintenance Plan	<u>5,717</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,717</u>
	<u>129,892</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>129,892</u>
Application 11-07-C-00-BPT							
I - Planning - Road, WHA, Geom	16,537	-	-	-	-	-	16,537
II - Apron Rehab - Phase I	29,528	-	-	-	-	-	29,528
III - Airfield Sweeper	10,431	-	-	-	-	-	10,431
V - Airfield Pavement Marking	205,368	-	-	-	-	-	205,368
VI - AOA Security Improvement	44,713	-	-	-	-	-	44,713
VII - Apron Rehab - Phase II	129,484	-	-	-	-	-	129,484
VIII - Administrative	<u>29,828</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>29,828</u>
	<u>465,889</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>465,889</u>
Total Disbursements	<u>595,781</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>595,781</u>
Excess (Deficiency)	<u>\$ 260,243</u>	<u>\$ 44,011</u>	<u>\$ 34,274</u>	<u>\$ 42,796</u>	<u>\$ 39,769</u>	<u>\$ 160,850</u>	<u>\$ 421,093</u>

See accompanying note to Schedule of Expenditures of Passenger Facility Charges.

JEFFERSON COUNTY, TEXAS

NOTE TO SCHEDULE OF EXPENDITURES OF PASSENGER FACILITY CHARGES

YEAR ENDED SEPTEMBER 30, 2015

BASIS OF PRESENTATION

The accompanying Schedule of Expenditures of Passenger Facility Charges includes the Passenger Facility Charge (PFC) activity of the Southeast Texas Regional Airport of Jefferson County, Texas, (the County). The information in this schedule is presented in accordance with the requirements of 14 Code of Federal Regulations Part 158.67 and the Passenger Facility Charge Audit Guide for Public Agencies issued by the Federal Aviation Administration. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the financial statements.

The County reports expenditures on the Schedule of Expenditures of Passenger Facility Charges collected and expended as reimbursements (to the extent of PFC's actually collected) of costs incurred by the County during the current and prior fiscal years.

ADJUSTMENT TO REVENUES

The Passenger Facility Charges summary for the year ending September 30, 2015 was adjusted by \$295,384 for applications closed in prior years. Accordingly, the Fiscal Year 2014 Program Total was adjusted by the same amount.

Application 02-04-C-00-BPT	\$ 116,051
Application 05-05-C-00-BPT	<u>179,333</u>
Total Adjustment	<u>\$ 295,384</u>

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 1 31 TOTAL
NAME	AMOUNT	CHECK NO.
ROAD & BRIDGE PCT.#1		
APAC, INC. - TROTTI & THOMSOM	1,810.00	420518
CARQUEST AUTO PARTS # 96	97.71	420526
ENTERGY	534.86	420545
M&D SUPPLY	376.75	420560
SOUTHEAST TEXAS WATER	14.00	420586
ACORN STEEL	220.00	420615
PATHMARK TRAFFICE PRODUCTS OF TEXAS	514.74	420658
REPUBLIC SERVICES	45.00	420763
		3,613.06**
ROAD & BRIDGE PCT.#2		
APAC, INC. - TROTTI & THOMSOM	408.13	420518
CERTIFIED LABORATORIES	495.30	420527
CITY OF NEDERLAND	223.40	420531
ENTERGY	479.37	420545
MUNRO'S	18.45	420566
RITTER @ HOME	8.15	420579
AT&T	91.71	420589
BUMPER TO BUMPER	29.00	420667
ACT PIPE AND SUPPLY	555.00	420697
SILSBEE FORD INC	55,213.75	420732
REPUBLIC SERVICES	72.60	420763
DIESEL PUMP & INJECTOR SERVICE BMT	763.15	420774
		58,358.01**
ROAD & BRIDGE PCT. # 3		
MUNRO'S	172.73	420566
OIL CITY TRACTORS, INC.	243.52	420570
TIME WARNER COMMUNICATIONS	85.59	420593
WEAVER, FALGOUT, & CARRUTH, INC.	229.38	420607
SOUTHERN TIRE MART, LLC	774.40	420612
HOWARD'S AUTO SUPPLY	35.80	420617
WALMART COMMUNITY BRC	194.62	420636
CENTERPOINT ENERGY RESOURCES CORP	31.02	420670
TRACTOR SUPPLY CO	139.76	420680
SAM'S CLUB DIRECT	60.00	420719
ASCO	148.09	420723
SHOPPA'S FARM SUPPLY	144.67	420746
		2,259.58**
ROAD & BRIDGE PCT.#4		
ABLE FASTENER, INC.	154.09	420505
SPIDLE & SPIDLE	1,640.21	420510
BEAUMONT FRAME & FRONT END	1,909.88	420522
COASTAL WELDING SUPPLY	45.00	420533
FED EX	20.93	420541
ENTERGY	13.35	420545
M&D SUPPLY	39.17	420560
MUNRO'S	71.18	420566
OIL CITY TRACTORS, INC.	973.60	420570
SMART'S TRUCK & TRAILER, INC.	129.78	420585
WALMART COMMUNITY BRC	4.97	420636
SIERRA SPRING WATER CO. - BT	91.53	420642
BELT SOURCE	.00	420679
MARTIN PRODUCT SALES LLC	129.06	420681
A-1 MACHINE & HYDRAULIC	495.00	420698
ON TIME TIRE	92.00	420716
ASCO	1,398.88	420723
REPUBLIC SERVICES	72.60	420763
		7,281.23**
ENGINEERING FUND		
TRI-CITY COFFEE SERVICE	173.20	420603
VERIZON WIRELESS	251.05	420633
		424.25**
PARKS & RECREATION		
CITY OF PORT ARTHUR - WATER DEPT.	62.32	420529
ENTERGY	1,216.71	420545
M&D SUPPLY	181.20	420560
BELT SOURCE	42.83	420679

PGM: GMCOMMV2	DATE 05-16-2016		PAGE: 2
NAME	AMOUNT	CHECK NO.	TOTAL
RODRIGUEZ BRICK & CONCRETE	1,865.32	420772	3,368.38**
GENERAL FUND			
TAX OFFICE			
OFFICE DEPOT	1,188.01	420569	
UNITED STATES POSTAL SERVICE	782.20	420638	
UNITED STATES POSTAL SERVICE	19.27	420639	1,989.48*
COUNTY HUMAN RESOURCES			
CASH ADVANCE ACCOUNT	997.92	420556	
UNITED STATES POSTAL SERVICE	2.79	420638	1,000.71*
AUDITOR'S OFFICE			
CASH ADVANCE ACCOUNT	1,236.80	420556	
SOUTHEAST TEXAS WATER	29.95	420586	
UNITED STATES POSTAL SERVICE	19.57	420638	
RHONDA BRODE	778.13	420644	2,064.45*
COUNTY CLERK			
CASH ADVANCE ACCOUNT	360.47	420556	
OFFICE DEPOT	252.62	420569	
UNITED STATES POSTAL SERVICE	360.75	420638	
UNITED STATES POSTAL SERVICE	50.46	420639	1,024.30*
COUNTY JUDGE			
FED EX	28.64	420541	
OFFICE DEPOT	203.01	420569	
CLERK - SUPREME COURT OF TEXAS	235.00	420590	
UNITED STATES POSTAL SERVICE	7.18	420638	
WYATT SNIDER	500.00	420709	
THE DAWS LAW FIRM PLLC	500.00	420735	
ANDREW P GERTZ	500.00	420755	
JAN GIROUARD & ASSOCIATES LLC	400.00	420768	2,373.83*
RISK MANAGEMENT			
UNITED STATES POSTAL SERVICE	1.60	420638	1.60*
COUNTY TREASURER			
TAC - TEXAS ASSN. OF COUNTIES	300.00	420591	
UNITED STATES POSTAL SERVICE	232.19	420638	
LEXISNEXIS- ACCURINT	115.00	420702	647.19*
PURCHASING DEPARTMENT			
BEAUMONT ENTERPRISE	27.85	420539	
OFFICE DEPOT	109.99	420569	
PORT ARTHUR NEWS, INC.	538.36	420574	
UNITED STATES POSTAL SERVICE	1.66	420638	677.86*
GENERAL SERVICES			
B&L MAIL PRESORT SERVICE	1,396.68	420520	
TIME WARNER COMMUNICATIONS	191.91	420595	
TEXAS WILDLIFE DAMAGE MGMT FUND	2,700.00	420597	
INTERFACE EAP	1,701.15	420611	
TOWER COMMUNICATIONS, INC.	2,435.00	420635	
WALMART COMMUNITY BRC	396.68	420636	
JEFFERSON COUNTY CREDIT CARDS	905.85	420707	
PATTILLO BROWN & HILL LLP	4,000.00	420711	
DYNAMEX INC	392.24	420731	
COLIN'S KITCHEN LLC	90.07	420760	14,209.58*
DATA PROCESSING			
LEXISNEXIS- ACCURINT	115.00	420702	115.00*
VOTERS REGISTRATION DEPT			

PGM: GMCOMMV2	DATE 05-16-2016		PAGE: 3
NAME	AMOUNT	CHECK NO.	TOTAL
UNITED STATES POSTAL SERVICE	75.45	420638	75.45*
ELECTIONS DEPARTMENT			
UNITED STATES POSTAL SERVICE	56.14	420638	56.14*
DISTRICT ATTORNEY			
CAMEO / SABINE NECHES TRAVEL	1,654.40	420525	
JEFFERSON CTY. DISTRICT ATTORNEY	13,620.00	420553	
CASH ADVANCE ACCOUNT	160.00	420556	
OFFICE DEPOT	463.23	420569	
TEXAS DISTRICT & COUNTY ATTY ASSN.	350.00	420598	
UNITED STATES POSTAL SERVICE	308.52	420638	
UNITED STATES POSTAL SERVICE	1.46	420639	
CHILD ABUSE & FORENSIC SERVICES	225.00	420647	
EDGAR GEORGE THOMPSON	268.48	420693	
LEXISNEXIS- ACCURINT	345.00	420702	
JEFFERSON COUNTY CREDIT CARDS	163.39	420707	
HEALTHPORT	1,222.96	420729	
TRANSUNION RISK AND ALTERNATIVE	110.00	420750	
HIGGINBOTHAM INSURANCE AGENCY INC	71.00	420751	18,963.44*
DISTRICT CLERK			
CASH ADVANCE ACCOUNT	1,286.10	420556	
KIRKSEY'S SPRINT PRINTING	49.00	420559	
OFFICE DEPOT	481.11	420569	
UNITED STATES POSTAL SERVICE	276.65	420638	2,092.86*
CRIMINAL DISTRICT COURT			
DOUGLAS M. BARLOW, ATTORNEY AT LAW	2,550.00	420521	
THOMAS J. BURBANK, P.C.	800.00	420524	
RENE MULHOLLAND	465.60	420604	
JOHN D WEST	900.00	420625	
UNITED STATES POSTAL SERVICE	6.68	420638	
ANTOINE FREEMAN	900.00	420691	5,622.28*
58TH DISTRICT COURT			
OFFICE DEPOT	268.48	420569	
UNITED STATES POSTAL SERVICE	.40	420638	
LEXIS-NEXIS	55.00	420640	323.88*
60TH DISTRICT COURT			
CLERK - SUPREME COURT OF TEXAS	30.00	420590	
UNITED STATES POSTAL SERVICE	.80	420638	30.80*
136TH DISTRICT COURT			
UNITED STATES POSTAL SERVICE	2.79	420638	2.79*
172ND DISTRICT COURT			
UNITED STATES POSTAL SERVICE	47.96	420638	
LEXIS-NEXIS	56.00	420641	103.96*
252ND DISTRICT COURT			
GAYLYN COOPER	1,575.00	420507	
THOMAS J. BURBANK, P.C.	3,112.50	420524	
UNITED STATES POSTAL SERVICE	192.85	420638	
LEXIS-NEXIS	56.00	420640	
KIMBERLY R. BROUSSARD	1,678.10	420696	
M.K. HAMZA, PHD, P.A.	800.00	420721	7,414.45*
279TH DISTRICT COURT			
MARILYN ADAMS	225.00	420506	
DAVID GROVE	75.00	420511	
PHILLIP DOWDEN	400.00	420516	

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 4
NAME	AMOUNT	CHECK NO. TOTAL
TERRENCE HOLMES	75.00	420551
ANITA F. PROVO	300.00	420577
TEXAS ASSN. FOR COURT ADMINISTRATIO	75.00	420592
CHARLES ROJAS	325.00	420621
LEXIS-NEXIS	56.00	420640
LANGSTON ADAMS	75.00	420655
TONYA CONNELL TOUPS	150.00	420690
JONATHAN L. STOVALL	75.00	420708
WILLIAM FORD DISHMAN	75.00	420730
THE DAWS LAW FIRM PLLC	75.00	420735
TARA SHELANDER	75.00	420742
SAMUEL & SON LAW FIRM PLLC	500.00	420745
MELANIE AIREY	75.00	420752
ANDREW P GERTZ	150.00	420755
THE MAYO LAW FIRM PLLC	500.00	420765
ASHLEY CEDILLO	75.00	420771
317TH DISTRICT COURT		3,356.00*
JACK LAWRENCE	325.00	420512
THOMAS J. BURBANK, P.C.	325.00	420524
TRAVIS EVANS	325.00	420540
ANITA F. PROVO	400.00	420577
KEVIN S. LAINE	325.00	420614
LEXIS-NEXIS	56.00	420640
GLEN M. CROCKER	300.00	420645
JOEL WEBB VAZQUEZ	300.00	420666
JUDY PAASCH	2,323.90	420668
RONALD PLESSALA	500.00	420695
ALLEN PARKER	150.00	420703
JEFFERSON COUNTY CREDIT CARDS	209.87	420707
C. HADEN CRIBBS JR., PC	1,050.00	420715
MATUSKA LAW FIRM	1,050.00	420737
TARA SHELANDER	75.00	420742
LAW OFFICE OF J SCOTT FREDERICK	150.00	420753
JUSTICE COURT-PCT 1 PL 1		7,864.77*
UNITED STATES POSTAL SERVICE	29.47	420638
LEXISNEXIS- ACCURINT	115.00	420702
JUSTICE COURT-PCT 1 PL 2		144.47*
UNITED STATES POSTAL SERVICE	.47	420638
LEXISNEXIS- ACCURINT	115.00	420702
JUSTICE COURT-PCT 2		115.47*
LEXISNEXIS- ACCURINT	115.00	420702
JUSTICE COURT-PCT 4		115.00*
CASH ADVANCE ACCOUNT	506.90	420556
OFFICE DEPOT	76.55	420569
POSTMASTER	644.00	420576
LEXISNEXIS- ACCURINT	115.00	420702
JUSTICE COURT-PCT 6		1,342.45*
UNITED STATES POSTAL SERVICE	31.23	420638
LEXISNEXIS- ACCURINT	115.00	420702
JUSTICE COURT-PCT 7		146.23*
CASH ADVANCE ACCOUNT	885.48	420556
OFFICE DEPOT	206.98	420569
LEXISNEXIS- ACCURINT	115.00	420702
AIRPORT TRAVEL	619.70	420769
JUSTICE OF PEACE PCT. 8		1,827.16*
UNITED STATES POSTAL SERVICE	106.52	420639
LEXISNEXIS- ACCURINT	115.00	420702
COUNTY COURT AT LAW NO.1		221.52*

PGM: GMCOMMV2	DATE 05-16-2016		PAGE: 5
NAME	AMOUNT	CHECK NO.	TOTAL 35
SOUTHWEST BUILDING SYSTEMS	176.90	420588	176.90*
COUNTY COURT AT LAW NO. 2			
TRAVIS EVANS	300.00	420540	
TEXAS ASSN. FOR COURT ADMINISTRATIO	75.00	420592	
UNITED STATES POSTAL SERVICE	3.99	420638	
OLEN UNDERWOOD	1,241.12	420643	
CAROLYN WIEDENFELD	300.00	420652	
SAMUEL & SON LAW FIRM PLLC	450.00	420745	
LINDSEY SCOTT	250.00	420757	2,620.11*
COUNTY COURT AT LAW NO. 3			
UNITED STATES POSTAL SERVICE	14.43	420638	14.43*
COURT MASTER			
OFFICE DEPOT	55.72	420569	
UNITED STATES POSTAL SERVICE	1.20	420638	
LEXIS-NEXIS	56.00	420640	112.92*
MEDIATION CENTER			
UNITED STATES POSTAL SERVICE	3.59	420638	3.59*
ALTERNATIVE SCHOOL			
BEAUMONT TRACTOR COMPANY	141.77	420523	
HERNANDEZ OFFICE SUPPLY, INC.	583.76	420550	725.53*
SHERIFF'S DEPARTMENT			
ENTERGY	793.75	420545	
OFFICE DEPOT	968.60	420569	
AT&T	122.40	420589	
TEXAS NARCOTICS OFFICER'S ASSN.	320.00	420601	
TEXAS NARCOTICS OFFICER'S ASSN.	40.00	420602	
UNITED STATES POSTAL SERVICE	1,119.57	420638	
BEAUMONT OCCUPATIONAL SERVICE, INC.	32.95	420646	
CHILD ABUSE & FORENSIC SERVICES	880.00	420647	
FIVE STAR FEED	99.00	420660	
TEXAS CODE BLUE LLC	220.00	420665	
TDATA, INC	604.95	420673	
JEFFERSON COUNTY CREDIT CARDS	99.00	420707	
RITA HURT	275.00	420713	
REPUBLIC SERVICES	45.00	420763	
3L PRINTING COMPANY	25.00	420767	5,645.22*
CRIME LABORATORY			
SIGMA-ALDRICH, INC.	140.49	420504	
ABACUS DIAGNOSTIC, INC.	1,350.00	420514	
FED EX	327.54	420541	
CASH ADVANCE ACCOUNT	1,610.66	420556	
MCNEILL INSURANCE AGENCY	71.00	420562	
OFFICE DEPOT	54.61	420569	
RESTEK CORPORATION	53.11	420578	
SEROLOGICAL RESEARCH INSTITUTE	50.67	420583	
SOUTHEAST TEXAS WATER	79.90	420586	
LOWE'S HOME CENTERS, INC.	188.06	420650	
JEFFERSON COUNTY CREDIT CARDS	43.25	420707	
RDB SERVICES	500.00	420714	
ALDINGER COMPANY	516.50	420722	4,985.79*
JAIL - NO. 2			
AVIALL	136.24	420519	
CITY OF BEAUMONT - WATER DEPT.	16.00	420528	
COASTAL WELDING SUPPLY	36.00	420533	
COBURN'S, BEAUMONT BOWIE (1)	465.38	420534	
W.W. GRAINGER, INC.	27.79	420543	
ENTERGY	280.99	420545	

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 6
NAME	AMOUNT	CHECK NO.
		TOTAL
JACK BROOKS REGIONAL AIRPORT	1,208.34	420554
M&D SUPPLY	35.10	420560
MOORE SUPPLY, INC.	512.75	420564
PETTY CASH - SHERIFF'S OFFICE	482.00	420572
RALPH'S INDUSTRIAL ELECTRONICS	3,140.70	420580
SANITARY SUPPLY, INC.	1,811.93	420582
ADVANCED SYSTEMS & ALARM SERVICES,	125.00	420620
INTERCONTINENTAL JET CORP	2,100.00	420669
WORLD FUEL SERVICES	322.30	420701
JEFFERSON COUNTY CREDIT CARDS	56.50	420707
INDUSTRIAL & COMMERCIAL MECHANICAL	21,180.00	420717
TROOP INDUSTRIAL	75.00	420718
KROPP HOLDINGS INC	389.79	420727
LONE STAR UNIFORMS	375.35	420761
REPUBLIC SERVICES	2,490.00	420763
ORISON MARKETING LLC	119.80	420764
		35,386.96*
JUVENILE PROBATION DEPT.		
CASH ADVANCE ACCOUNT	103.00	420556
UNITED STATES POSTAL SERVICE	5.05	420638
LATASHA DILL	68.04	420675
DURWARD MINOR	192.24	420728
KAREN RIGGS	95.58	420762
		463.91*
JUVENILE DETENTION HOME		
AAA LOCK & SAFE	460.50	420502
EPS	160.00	420537
MOORE SERVICE CO., INC.	190.00	420563
OFFICE DEPOT	60.86	420569
OVERHEAD DOOR CO.	197.00	420571
OAK FARM DAIRY	394.67	420613
CHARMTX INC.	738.00	420661
FLOWERS FOODS	106.56	420663
VANSCHUCA SANDERS-CHEVIS	400.00	420686
EXCEL MEDICAL WASTE LLC	39.90	420756
REPUBLIC SERVICES	455.00	420763
		3,202.49*
CONSTABLE PCT 1		
OFFICE DEPOT	63.29	420569
UNITED STATES POSTAL SERVICE	46.60	420638
JPCA OF TEXAS INC	215.00	420653
LEXISNEXIS- ACCURINT	115.00	420702
		439.89*
CONSTABLE-PCT 2		
POSTMASTER	256.00	420575
LEXISNEXIS- ACCURINT	115.00	420702
		371.00*
CONSTABLE-PCT 4		
DISH NETWORK	51.51	420687
		51.51*
CONSTABLE-PCT 6		
CASH ADVANCE ACCOUNT	687.18	420556
KAY ELECTRONICS, INC.	95.75	420557
UNITED STATES POSTAL SERVICE	18.72	420638
LEXISNEXIS- ACCURINT	115.00	420702
		916.65*
CONSTABLE PCT. 8		
TEXAS CORRECTIONAL INDUSTRIES	473.00	420599
		473.00*
AGRICULTURE EXTENSION SVC		
OFFICE DEPOT	150.84	420569
WALMART COMMUNITY BRC	13.84	420636
UNITED STATES POSTAL SERVICE	11.30	420638
DAVID OATES	315.20	420770
		491.18*
HEALTH AND WELFARE NO. 1		

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 7
NAME	AMOUNT	CHECK NO. TOTAL
TEXAS HEALTH INSTITUTE	112.50	420600
AUSTIN CECIL WALKES MD PA	475.75	420605
AUSTIN CECIL WALKES MD PA	2,932.58	420606
MCKESSON MEDICAL-SURGICAL INC	152.74	420619
UNITED STATES POSTAL SERVICE	76.86	420638
ASHANTI BASSETT	82.08	420676
HEB CREDIT RECEIVABLES DEPT 308	59.98	420682
TINA CHAMPAGNE	43.20	420694
LEXISNEXIS- ACCURINT	115.00	420702
BOBBIE GILLIAM	102.60	420726
CRYSTAL LETMAN-JENKINS	113.40	420748
HEALTH AND WELFARE NO. 2		4,266.69*
CITY OF PORT ARTHUR - WATER DEPT.	190.02	420530
CLAYBAR FUNERAL HOME, INC.	1,500.00	420532
O.W. COLLINS APARTMENTS	235.26	420535
ENTERGY	179.95	420549
TIME WARNER COMMUNICATIONS	81.23	420596
TEXAS HEALTH INSTITUTE	112.50	420600
AUSTIN CECIL WALKES MD PA	475.74	420605
AUSTIN CECIL WALKES MD PA	2,932.58	420606
UNITED STATES POSTAL SERVICE	229.67	420639
LEXISNEXIS- ACCURINT	115.00	420702
NURSE PRACTITIONER		6,051.95*
NSO - NURSES SERVICE ORGANIZATION	109.00	420503
EXCEL MEDICAL WASTE LLC	39.90	420756
CHILD WELFARE UNIT		148.90*
DISA, INC.	364.00	420536
BEAUMONT OCCUPATIONAL SERVICE, INC.	227.70	420646
J.C. PENNEY'S	576.75	420648
SEARS COMMERICAL CREDIT	481.95	420649
K-MART #7912	342.10	420651
ASHANTI M MCCRAY	30.00	420738
FATIMA ZAVALA	30.00	420739
TYRE A WELLS	30.00	420740
BROOKLYN WALTER	15.00	420775
LENARD J SIMON	15.00	420776
JAYCEON ROBINSON FC	15.00	420777
ELIJAH MOORMAN	15.00	420778
GLORIANA METCALFE	15.00	420779
JEREMY DOUGLAS FC	15.00	420780
JULIAN CONTRERAS	15.00	420781
LANNY CUNIFF	15.00	420782
INDIGENT MEDICAL SERVICES		2,202.50*
DANA JOHNSON	2,325.00	420747
MAINTENANCE-BEAUMONT		2,325.00*
CITY OF BEAUMONT - LANDFILL	132.00	420517
COBURN'S, BEAUMONT BOWIE (1)	20.39	420534
GOLD CREST ELECTRIC CO., INC.	677.30	420542
SANITARY SUPPLY, INC.	13.55	420582
WHOLESALE ELECTRIC SUPPLY CO.	294.86	420609
BAKER DISTRIBUTING COMPANY	123.52	420662
BELT SOURCE	44.98	420679
NEDERLAND FRAME SHOP	52.61	420704
INDUSTRIAL & COMMERCIAL MECHANICAL	744.00	420717
WASTEWATER TRANSPORT SERVICES LLC	248.00	420741
REPUBLIC SERVICES	1,365.00	420763
MAINTENANCE-PORT ARTHUR		3,716.21*
ENTERGY	4,196.74	420545
TIME WARNER COMMUNICATIONS	300.57	420594
PARKER LUMBER	419.55	420705
PETROLEUM MATERIALS LLC	18.45	420743
MAINTENANCE-MID COUNTY		4,935.31*

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 8
NAME	AMOUNT	CHECK NO. TOTAL
CITY OF NEDERLAND	32.07	420531
ENTERGY	1,848.13	420545
ACE IMAGEWEAR	29.12	420584
W. JEFFERSON COUNTY M.W.D.	26.13	420608
A1 FILTER SERVICE COMPANY	93.50	420712
FRED MILLER'S OUTDOOR EQUIPMENT LLC	150.80	420754
REPUBLIC SERVICES	109.00	420763
		2,288.75*
SERVICE CENTER		
ACTION AUTO GLASS	232.22	420509
SPIDLE & SPIDLE	9,671.52	420510
KINSEL FORD, INC.	1,090.82	420558
THE MUFFLER SHOP	70.00	420565
MUNRO'S	41.70	420566
PHILPOTT MOTORS, INC.	262.75	420573
AT&T	61.14	420589
JEFFERSON CTY. TAX OFFICE	7.50	420626
JEFFERSON CTY. TAX OFFICE	7.50	420627
JEFFERSON CTY. TAX OFFICE	7.50	420628
JEFFERSON CTY. TAX OFFICE	7.50	420629
JEFFERSON CTY. TAX OFFICE	7.50	420630
JEFFERSON CTY. TAX OFFICE	7.50	420631
JEFFERSON CTY. TAX OFFICE	7.50	420632
FIRST CALL	439.38	420654
THE FRONT END SHOP	79.95	420657
VOYAGER FLEET SYSTEM, INC.	20,387.12	420659
BUMPER TO BUMPER	745.98	420667
MIGHTY OF SOUTHEAST TEXAS	1,120.95	420710
SILSBEE FORD INC	74.16	420732
SOUTHEAST TEXAS PARTS AND EQUIPMENT	162.80	420736
REPUBLIC SERVICES	72.60	420763
		34,565.59*
VETERANS SERVICE		
OFFICE DEPOT	77.02	420569
UNITED STATES POSTAL SERVICE	44.01	420639
		121.03*
		190,626.13**
MOSQUITO CONTROL FUND		
SUPERIOR TIRE & SERVICE	37.90	420515
W.W. GRAINGER, INC.	514.23	420543
ENTERGY	429.24	420545
MUNRO'S	78.75	420566
BITTER @ HOME	660.99	420579
MCGRIFF, SEIBELS & WILLIAMS OF TX	12,000.00	420656
JEFFERSON COUNTY CREDIT CARDS	115.00	420707
REPUBLIC SERVICES	72.60	420763
		13,908.71**
BREATH ALCOHOL TESTING		
SOUTHWESTERN ASSOCIATION OF	35.00	420624
ALDINGER COMPANY	135.00	420722
		170.00**
J.C. FAMILY TREATMENT CT.		
BEAUMONT OCCUPATIONAL SERVICE, INC.	107.95	420646
		107.95**
LAW LIBRARY FUND		
THOMSON REUTERS-WEST	2,006.54	420725
EMPG GRANT		
		2,006.54**
SOUTHEAST TEXAS WATER	53.65	420587
		53.65**
GRANT A STATE AID		
CASH ADVANCE ACCOUNT	645.50	420556
OFFICE DEPOT	410.10	420569
SAM HOUSTON STATE UNIVERSITY	230.00	420581
BI INCORPORATED	575.92	420622

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 9
NAME	AMOUNT	CHECK NO. TOTAL
VICTORIA COUNTY JUVENILE SERVICES	3,090.00	420692
GRAYSON COUNTY DEPT OF JUVENILE	8,823.00	420749
		13,774.52**
COMMUNITY SUPERVISION FND		
CASH ADVANCE ACCOUNT	550.02	420556
UNITED STATES POSTAL SERVICE	94.46	420638
UNITED STATES POSTAL SERVICE	237.82	420639
		882.30**
JEFF. CO. WOMEN'S CENTER		
ECOLAB	295.45	420538
W.W. GRAINGER, INC.	255.61	420543
ISI COMMERCIAL REFRIGERATION	21.05	420552
CASH ADVANCE ACCOUNT	20.00	420556
MARKET BASKET	25.49	420561
OFFICE DEPOT	63.98	420569
TEXAS FIRE & COMMUNICATIONS	90.00	420623
TOWER COMMUNICATIONS, INC.	60.00	420635
BEN E KEITH FOODS	1,554.95	420664
MELODY C ANTOON RN	630.00	420684
REDWOOD TOXICOLOGY LABORATORY	100.00	420688
MATERA PAPER COMPANY INC	338.82	420724
REPUBLIC SERVICES	91.00	420763
		3,546.35**
JAG GRANTS		
CDW COMPUTER CENTERS, INC.	659.82	420618
		659.82**
COUNTY CLK RECORDS ARCHIV		
MANATRON	7,279.11	420689
		7,279.11**
COUNTY RECORDS MANAGEMENT		
BUILD INC	100.00	420678
JEFFERSON COUNTY CREDIT CARDS	380.16	420707
		480.16**
FORENSIC SCIENCE FED GRT		
FED EX	73.60	420541
		73.60**
DEPUTY SHERIFF EDUCATION		
JEFFERSON COUNTY CREDIT CARDS	85.00	420707
		85.00**
HOTEL OCCUPANCY TAX FUND		
THERMACON SERVICE	602.00	420513
BEAUMONT ENTERPRISE	302.64	420539
CASH ADVANCE ACCOUNT	956.80	420556
MUNRO'S	36.25	420566
AT&T	176.09	420589
TRI-CITY COFFEE SERVICE	59.45	420603
US FLAG & FLAGPOLE SUPPLY	1,784.30	420610
UNITED STATES POSTAL SERVICE	.40	420638
DISH NETWORK	110.52	420687
SAM'S CLUB DIRECT	99.50	420719
BUCK SPRINGS WATER	6,370.00	420720
REPUBLIC SERVICES	72.60	420763
		10,570.55**
CAPITAL PROJECTS FUND		
SHEPLEY BULFINCH	8,245.83	420759
		8,245.83**
AIRPORT FUND		
ENTERGY	10,269.47	420547
ENTERGY	3.71	420548
CASH ADVANCE ACCOUNT	196.00	420556
AT&T	590.20	420589
JEFFERSON COUNTY CREDIT CARDS	588.00	420707
REPUBLIC SERVICES	582.80	420763
		12,230.18**
SE TX EMP. BENEFIT POOL		

PGM: GMCOMMV2	DATE 05-16-2016	PAGE: 10 40
NAME	AMOUNT	CHECK NO. TOTAL
STANDARD INSURANCE COMPANY	21,461.66	420674
RELIANCE STANDARD LIFE INSURANCE	5,630.10	420677
CHLIC-CHICAGO	63,584.24	420699
COMPASS PROFESSIONAL HEALTH SERVICE	6,350.00	420733
SA BENEFITS SERVICES LLC	29,502.10	420734
SETEC FUND		126,528.10**
INDUSTRIAL & COMMERCIAL MECHANICAL	1,652.00	420717
REPUBLIC SERVICES	799.00	420763
LIABILITY CLAIMS ACCOUNT		2,451.00**
SE TEX CONSTRUCTION CORPORATION	8,181.82	420683
WORKER'S COMPENSATION FD		8,181.82**
TRISTAR RISK MANAGEMENT	3,597.00	420671
TRISTAR RISK MANAGEMENT	3,864.57	420672
SHERIFF'S FORFEITURE FUND		7,461.57**
AVIALL	194.58	420519
MOTOROLA SOLUTIONS INC	6,478.25	420616
GPSIT	219.00	420700
ONSITE AVIONICS LLC	400.00	420744
PRECISION HELIPARTS INC	4,250.00	420758
BLUE MOON DESIGNS INC	1,535.00	420773
DISTRICT CRT RECORDS TECH		13,076.83**
DATA BANK IMX LLC	3,425.00	420766
MARINE DIVISION		3,425.00**
ENTERGY	433.34	420545
JACK BROOKS REGIONAL AIRPORT	400.44	420554
AT&T	80.70	420589
VERIZON WIRELESS	531.86	420634
JEFFERSON COUNTY CREDIT CARDS	1,833.50	420707
GLO IKE ROUND 2		3,279.84**
APOLLO ENVIRONMENTAL STRATEGIES INC	56,720.70	420508
2015 PORT SECURITY GRANT		56,720.70**
SAFE BOAT INTERNATIONAL	22,657.60	420685
		22,657.60**
		583,787.37***

Memorandum

To: Loma George, Secretary
From: Commissioner Michael Shane Sinegal
Date: 5/11/2016
Re: Agenda Item

Loma George, Secretary
Hon. Jeff Branick's Office

RE: Agenda Item

Please place on this May ¹⁶~~23~~, 2016 Commissioner's Court Agenda

Re-consider and possibly approve the change in off days that are granted for the Christmas 2016 break, from Monday December 26th & Tuesday 27th to be changed to Friday December 23rd & Monday 26th for County employees.

Thank you,

Michael Shane Sinegal
Jefferson County Commissioner Pct. 3



Joleen E. Fregia
Chief Deputy
E-Mail
joleen@co.jefferson.tx.us

Tim Funchess
County Treasurer
1149 Pearl Street – Basement
Beaumont, Texas 77701

Office (409) 835-8509
Fax (409) 839-2347
E-Mail
tfunchess@co.jefferson.tx.us

May 11, 2016

Judge Jeff R. Branick and
Commissioners Court
Jefferson County Courthouse
Beaumont, Texas 77701

Gentlemen:

Enclosed is the Investment Schedule as of April 30, 2016, including interest earnings.

The weighted average yield to maturity on the County's investments is 1.463%. The interest rate on funds invested in an investment account at Wells Fargo is currently .100%.

The 90 day Treasury interest rate on April 30, 2016 was 0.23% and the interest on your checking accounts for the month of April was .150%

Included in the attached report are the balances for the County's pledged collateral.

This report meets the requirements for investment officers in compliance with the Texas Government Code. Title 10, Section 2256.023.

This should be on the agenda May 16, 2016, to be received and filed.

Sincerely,

Tim Funchess, CCT, CIO
Enclosure

Agenda should read:

Receive and File Investment Schedule for April, 2016,
including the year to date total earnings on County funds.

JEFFERSON COUNTY
MONTH END APRIL 30, 2016 INVESTMENT SCHEDULE

SECURITY DESCRIPTION	SETTLEMENT DATE	PAR AMOUNT	AMOUNT PAID	PRICE PAID	EXP. YIELD	MATURITY Date	CALL DATE	# Days to mat.	# Days Invested	CUSIP/C.D. NUMBER	BROKER DEALER	CURRENT VALUE	Current Price	ACCRUED FROM PURCHASE/COUPON	Coupon paid TO DATE	BOOK VALUE ACCRUED INT.)
POOLED CASH ACCOUNT																
INVESTMENT ACCT	01-Apr-16		\$7,723.40		100	0.100%	30-Apr-16	30	30	7580310386	WELLS FARGO	\$7,723.40				\$7,723.40
CDs and Securities																
FNMA 1.30%	27-Nov-15	\$2,000,000.00	\$2,000,000.00	100	1.300%	27-Nov-18	27-May-16	941	1096	3135G0G98	WELLS SECURITIES	\$2,000,200.00	\$100.01	\$11,122.22	\$0.00	\$2,011,322.22
FHLMC 1.20%	30-Nov-15	\$2,000,000.00	\$2,000,000.00	100	1.200%	23-Nov-18	23-May-16	937	1089	3134G75B3	WELLS SECURITIES	\$2,000,400.00	\$100.02	\$10,066.67	\$0.00	\$2,010,466.67
FHFLB 1.45%	28-Dec-15	\$3,000,000.00	\$3,000,000.00	100	1.450%	28-Dec-18	28-Mar-16	972	1096	3130A6U70	NATIONAL ALLIANCE	\$3,002,970.00	\$100.10	\$14,862.50	\$0.00	\$3,017,832.50
FHLMC 1.40%	29-Mar-16	\$4,000,000.00	\$4,000,000.00	100	1.400%	29-Mar-19	23-May-16	1063	1095	3134G8NS4	NATIONAL ALLIANCE	\$4,000,400.00	\$100.01	\$4,977.78	\$0.00	\$4,005,377.78
FNMA 2.00%	29-Jan-16	\$2,000,000.00	\$2,014,480.00	100	2.000%	29-Jan-19	29-Jul-16	1004	1096	3136G2WU7	COASTAL SECURITIES	\$2,006,400.00	\$100.32	\$10,222.22	\$0.00	\$2,016,622.22
ICD-BMW Bank 1.35%*	12-Feb-16	\$248,000.00	\$248,000.00	100	1.350%	12-Feb-19	None	1018	1096	05580ADT8	WELLS SECURITIES	\$248,000.00	\$100.00	\$724.64	\$0.00	\$248,724.64
ICD-Discover Bk 1.60%*	13-Nov-15	\$248,000.00	\$248,010.87	100	1.600%	13-Nov-18	None	927	1096	254672WL8	WELLS SECURITIES	\$248,000.00	\$100.00	\$1,848.11	\$0.00	\$249,848.11
ICD-Ally Bank 1.60%*	13-Nov-15	\$248,000.00	\$248,010.87	100	1.600%	13-Nov-18	None	927	1096	02006LVQ3	WELLS SECURITIES	\$248,000.00	\$100.00	\$1,848.11	\$0.00	\$249,848.11
ICD-Goldman S. 1.65%*	13-Nov-15	\$248,000.00	\$248,011.21	100	1.650%	13-Nov-18	None	927	1096	38148JZ53	WELLS SECURITIES	\$248,000.00	\$100.00	\$1,905.86	\$0.00	\$249,905.86
* (Investment CD's)																
					WEIGHTED AVG. YLD	EQUIVALENT TREAS. RATE		WEIGHTED AVG.				TOTAL MARKET VALUE		TOTAL BOOK VALUE		
		TOTAL PAR	AMT. INVESTED							MATURITY						
			\$7,723.40									\$7,723.40				
INVESTMENT ACCT			\$13,992,000.00		1.463%	0.876%			991	DAYS		\$14,002,370.00				
CDs and Securities			\$13,999,723.40									\$14,010,093.40				\$14,067,671.51

APRIL, 2016, JEFFERSON COUNTY INVESTMENT MATURITIES
MATURED SECURITIES AND INTEREST EARNED

SECURITY DESCRIPTION	PURCHASE DATE	PAR AMOUNT	AMOUNT INVESTED	PRICE PAID	EXPECT. YIELD	MATURITY DATE	Coupon Pay DATE	# DAYS INVEST.	CUSIP/C.D. NUMBER	BROKER DEALER	INTEREST EARNINGS
POOLED CASH ACCOUNT											
INVESTMENT ACCT	01-Mar-16		\$7,723.40								
FFCB 1.53%	07-Jan-16	\$2,000,000.00	\$2,000,000.00	100	1.530%	07-Jan-19	07-Apr-16	31	7580310386	WELLS FARGO	\$0.86
FHLMC 1.60%	29-Jan-16	\$3,000,000.00	\$3,000,000.00	100	1.600%	29-Jan-19	29-Apr-16	1096	3133EFUL9	COASTAL SECURITIES	\$7,650.00
								1096	3134G8GN3	COASTAL SECURITIES	\$12,000.00
CHECKING INTEREST											
POOLED CASH ACCT											\$19,650.86
OTHER COUNTY ACCTS											
TAX LICENSE ACCT											
											\$9,872.72
											\$615.65
											\$89.19
											\$10,577.56
TOTAL		\$5,007,723.40	\$5,007,723.40								\$30,228.42

FISCAL YEAR 2015-2016			
YIELD TO MATURITY AND INTEREST EARNINGS			
MONTH	90 DAY T. BILL YIELD	INVESTMENT INTEREST EARNED	CHECKING ACCOUNT YIELD
OCTOBER	0.084%	\$34,161.39	0.261%
NOVEMBER	0.190%	\$31,363.78	0.284%
DECEMBER	0.168%	\$22,437.18	0.320%
JANUARY	0.354%	\$34,256.33	0.498%
FEBRUARY	0.346%	\$45,241.64	0.150%
MARCH	0.224%	\$33,796.62	0.150%
APRIL	0.230%	\$30,228.42	1.500%
MAY			
JUNE			
JULY			
AUGUST			
SEPTEMBER			
ANNUAL TOTALS		\$ 231,485.36	



May 6, 2016

RON WESTPHAL
JEFFERSON COUNTY ENGINEERING
1149 PEARL 5TH FL
BEAUMONT TX 77701

ETJ plat

Dear Mr. Westphal:

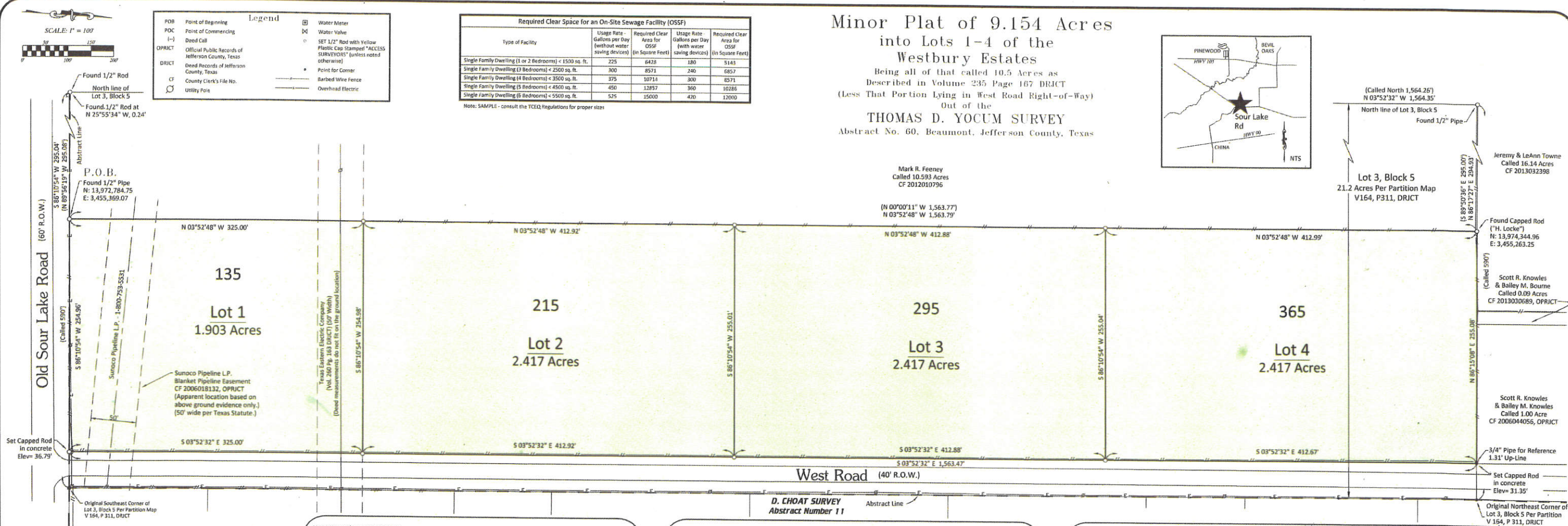
Please see the enclosed minor plat of Lots 1-4, Westbury Estates. This plat is located in the City of Beaumont's ETJ (extra-territorial jurisdiction) and was therefore submitted to my office under the "one stop" agreement with the county. Please place this plat on the County Commissioner's agenda at your earliest convenience.

If you have any questions or I can be of further assistance, please do not hesitate to contact me. My office is located in City Hall at 801 Main St., my phone number is 409-880-3764 or you can email me at rrowzee@beaumonttexas.gov.

Thank you,

A handwritten signature in black ink that reads "Raymond Rowzee". The signature is fluid and cursive, with the first name "Raymond" and last name "Rowzee" clearly legible.

Raymond Rowzee, CFM
Planner I



SURVEYOR'S CERTIFICATE:

I, JOE A. MATTOX, a REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, CERTIFY THAT THIS PLAT HAS BEEN PREPARED FROM AN ACTUAL SURVEY ON THE GROUND, THAT ALL CORNERS WERE FOUND OR SET AS NOTED AND THAT THIS PLAT CORRECTLY REPRESENTS SAID SURVEY BY ME AND IS IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS OF JEFFERSON COUNTY, TEXAS.

Joe A. Mattox
JOE A. MATTOX
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5535

SUBSCRIBED AND SWORN TO BEFORE ME BY JOE A. MATTOX AND GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 21st DAY OF April, 2016.

Carrie Bliss Sims
CARRIE BLISS SIMS
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS
COMMISSION EXPIRES June 08, 2016

CERTIFICATE OF APPROVAL BY THE CITY PLANNING AND ZONING COMMISSION:

APPROVED THIS 21st DAY OF April, 2016
BY THE CITY PLANNING AND ZONING COMMISSION OF THE CITY OF BEAUMONT, TEXAS

PLANNING COMMISSION CHAIRMAN ATTEST: SECRETARY

STATE OF TEXAS
COUNTY OF JEFFERSON
FILED FOR RECORD 2016 AT O'CLOCK
RECORDED IN CLERK'S FILE NO. OF THE OFFICIAL PUBLIC RECORDS OF JEFFERSON COUNTY, TEXAS.

COUNTY CLERK, JEFFERSON COUNTY, TEXAS
BY DEPUTY

RECORDED 2016 AT O'CLOCK

RESTRICTIVE COVENANTS RECORDED UNDER COUNTY CLERK'S FILE NO. OF THE OFFICIAL PUBLIC RECORDS OF JEFFERSON COUNTY, TEXAS.

CAOLYN L. GUIDRY
COUNTY CLERK OF JEFFERSON COUNTY, TEXAS

CERTIFICATE OF COUNTY DIRECTOR OF ENGINEERING:

I, DIRECTOR OF ENGINEERING OF JEFFERSON COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE PLAT OF THIS SUBDIVISION COMPLIES WITH ALL EXISTING RULES AND REGULATIONS OF THIS OFFICE AS ADOPTED BY THE COMMISSIONERS' COURT OF JEFFERSON COUNTY, TEXAS.

DIRECTOR OF ENGINEERING

STATE OF TEXAS COUNTY OF JEFFERSON CERTIFICATE OF COUNTY APPROVAL, TO WIT:

APPROVED BY THE COMMISSIONERS' COURT OF JEFFERSON COUNTY, TEXAS ON THE DAY OF A.D. 2016, AUTHORIZING THE FILING FOR RECORD OF THIS PLAT. JEFFERSON COUNTY ASSUMES NO OBLIGATIONS FOR THE MAINTENANCE OF STREETS, ROADS, DRAINAGE OR ANY OTHER IMPROVEMENTS.

COMMISSIONER, PRECINCT NO. 1
JEFFERSON COUNTY, TEXAS

COMMISSIONER, PRECINCT NO. 2
JEFFERSON COUNTY, TEXAS

COMMISSIONER, PRECINCT NO. 3
JEFFERSON COUNTY, TEXAS

COMMISSIONER, PRECINCT NO. 4
JEFFERSON COUNTY, TEXAS

COUNTY JUDGE
JEFFERSON COUNTY, TEXAS

DEVELOPMENT REGULATIONS NOTES:

NO CONSTRUCTION OR OTHER DEVELOPMENT WITHIN THIS SUBDIVISION MAY BEGIN UNTIL ALL JEFFERSON COUNTY REQUIREMENTS HAVE BEEN MET.

MUNICIPAL/ETJ NOTE:

A PORTION OF THIS SUBDIVISION LIES WITHIN THE AREA OF EXTRA TERRITORIAL JURISDICTION OF THE CITY OF BEAUMONT, TEXAS.

SCHOOL DISTRICT NOTE:

THIS SUBDIVISION IS WITHIN THE BOUNDARIES OF THE HARDIN-JEFFERSON SCHOOL DISTRICT, JEFFERSON COUNTY, TEXAS.

UTILITY NOTES:

ELECTRIC UTILITY SERVICE WILL BE PROVIDED BY: ENTERGY TEXAS, INC.
TELEPHONE UTILITY SERVICE WILL BE PROVIDED BY:
GAS UTILITY SERVICE WILL BE PROVIDED BY:
WATER UTILITY SERVICE WILL BE PROVIDED BY: MEERKER MUNICIPAL WATER DISTRICT
SEWER UTILITY SERVICE WILL BE PROVIDED BY:
CABLE UTILITY SERVICE WILL BE PROVIDED BY:

SEWAGE DISPOSAL NOTE:

NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO A PUBLIC SEWER SYSTEM OR TO AN ON-SITE WASTEWATER SYSTEM, WHICH HAS BEEN APPROVED AND PERMITTED BY JEFFERSON COUNTY, TEXAS.

INDIVIDUAL WATER SUPPLY NOTE:

NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO AN INDIVIDUAL WATER SUPPLY, STATE APPROVED COMMUNITY WATER SYSTEM, OR ENGINEERED RAINWATER COLLECTION SYSTEM.

WATER SUPPLY NOTES:

MEERKER MUNICIPAL WATER DISTRICT, AN APPROVED PUBLIC WATER SUPPLY SYSTEM, HAS ADEQUATE QUANTITY TO SUPPLY THE SUBDIVISION AND PROVISIONS HAVE BEEN MADE TO PROVIDE SERVICE TO EACH LOT IN ACCORDANCE WITH THE POLICIES OF THE WATER SUPPLY SYSTEM.

MEERKER MUNICIPAL WATER DISTRICT, REPRESENTATIVE

PIPELINE EASEMENT NOTE:

ALL VISIBLE PIPELINE EASEMENTS WITHIN THE LIMITS OF THE SUBDIVISION HAVE BEEN SHOWN.

DRAINAGE EASEMENT NOTE:

ALL DRAINAGE EASEMENTS SHOWN HEREON SHALL BE KEPT CLEAR OF FENCES, BUILDINGS, PLANTINGS, AND OTHER OBSTRUCTION TO THE OPERATION AND MAINTENANCE OF THE DRAINAGE FACILITIES.

STATE OF TEXAS COUNTY OF JEFFERSON OWNERSHIP CERTIFICATE:

THAT WE, EUGENE T. FULLER, IV (25%), CATHERINE FULLER PELLEGRINO (25%), AND THEODORE M. FULLER (16.666%), HEIRS TO E.T. FULLER, JR. AND JOAN T. KMETZ (16.666%) AND DO HEREBY CERTIFY THAT WE ARE THE RECORD OWNERS OF THE CALLED 10.50 ACRE TRACT OF LAND ("LAND") EMBALCED WITHIN THE BOUNDARIES OF SAID LAND SHOWN, DESCRIBED AND DEPICTED UPON THIS MAP. THAT OWNERS HAVE CAUSED SAID LAND TO BE SUBDIVIDED AND PLATTED AS SHOWN AND REFLECTED ON THIS MAP. THAT OWNERS HEREBY IMPOSE ON THE LAND ALL OF THE BASIC RESTRICTIONS AND LIMITATIONS SHOWN AND REFLECTED ON THIS MAP. THAT OWNERS HEREBY ADOPT THIS MAP FOR THE PURPOSE OF MAKING SUBDIVISION OF THE LAND AS SHOWN HEREON, AND IMPOSING ON THE LAND THE BASIC RESTRICTIONS AND LIMITATIONS SHOWN AND REFLECTED HEREON.

WITNESS MY HAND, THIS 31st DAY OF March, 2016.

Eugene T. Fuller IV
EUGENE T. FULLER, IV, OWNER

STATE OF TEXAS
COUNTY OF JEFFERSON

BEFORE ME, the undersigned authority, on this day personally appeared Eugene Fuller known to me to be person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 31st day of March, A.D., 2016.

BY: *Roger Brown Jr.*
A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

ROGER BROWN JR.
Notary Public
State of Texas
My Comm. Exp. Sept. 25, 2018

WITNESS MY HAND, THIS 6th DAY OF April, 2016.

Catherine Fuller Pellegrino
CATHERINE FULLER PELLEGRINO, OWNER

STATE OF TEXAS
COUNTY OF JEFFERSON

BEFORE ME, the undersigned authority, on this day personally appeared Catherine Fuller Pellegrino known to me to be person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 6th day of April, A.D., 2016.

BY: *Suzanne T. Markowitz*
A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

SUZANNE T. MARKOWITZ, OWNER

STATE OF TEXAS
COUNTY OF JEFFERSON

BEFORE ME, the undersigned authority, on this day personally appeared Suzanne T. Markowitz known to me to be person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 14th day of April, A.D., 2016.

BY: *Alexandria Smith*
A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

ALEXANDRIA SMITH
Notary Public
State of Texas
My Commission Expires Feb. 10, 2019

WITNESS MY HAND, THIS 14th DAY OF April, 2016.

Suzanne T. Markowitz
SUZANNE T. MARKOWITZ, OWNER

STATE OF TEXAS
COUNTY OF JEFFERSON

BEFORE ME, the undersigned authority, on this day personally appeared Suzanne T. Markowitz known to me to be person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 14th day of April, A.D., 2016.

BY: *Alexandria Smith*
A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

ALEXANDRIA SMITH
Notary Public
State of Texas
My Commission Expires Feb. 10, 2019

WITNESS MY HAND, THIS 14th DAY OF April, 2016.

Alexandria Smith
ALEXANDRIA SMITH, OWNER

STATE OF TEXAS
COUNTY OF JEFFERSON

BEFORE ME, the undersigned authority, on this day personally appeared Alexandria Smith known to me to be person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 14th day of April, A.D., 2016.

BY: *Alexandria Smith*
A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

ALEXANDRIA SMITH
Notary Public
State of Texas
My Commission Expires Feb. 10, 2019

C.R. Price Survey
Abstract No. 717

0 100
S C A L E

REBECCA PELERIN
MY COMMISSION EXPIRES
May 9, 2015

N=13,922,321.445
E=3,442,448.770
ELEVATION=20.99'

Fittz & Shipman INC.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT BEAUMONT, TEXAS
(409) 332-7738 FAX (409) 332-7738

JOB # 16003.0018

Required Clear Space for an On-Site Storage Facility (OSF)						
Type of Facility	Storage Rate Acres Per Day of Storage	Required Clear Space OSF	Storage Rate Acres Per Day of Storage	Required Clear Space OSF	Required Clear Space OSF	Required Clear Space OSF
Single Family Dwelling (1 to 2 bedrooms) < 1,000 sq. ft.	23%	484	180	544		
Single Family Dwelling (3 to 4 bedrooms) < 1,000 sq. ft.	26%	559	240	629		
Single Family Dwelling (5 to 6 bedrooms) < 1,000 sq. ft.	32%	672	310	762		
Single Family Dwelling (7 bedrooms) < 1,000 sq. ft.	40%	840	390	950		
Single Family Dwelling (8 bedrooms) < 1,000 sq. ft.	53%	1,120	470	1,260		

Note: (SAMPLE) consult the TAD Regulations for proper use.

NOTE: SMPA – consult the TAG Regulations for proper use.

Lot 1

Lot 2

Lot 3

Lot 4

High-Land Acre Estates, Phase I
Lots 1-10
Clerk's File No. 3009912232 MPRJCT
(Called 53.935 Acres)

Lot 5

Lot 6

Lot 7

Lot 8

Lot 9

Lot 10

16' Utility Easement

40' Building Setback Line

25' Easement

A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

RESTRICTIONS RECORDED:

1. NO CONSTRUCTION OR OTHER DEVELOPMENT WITHIN THIS SUBDIVISION MAY BEGIN UNTIL ALL JEFFERSON COUNTY DEVELOPMENT REQUIREMENTS HAVE BEEN MET.
2. NO PORTION OF THIS SUBDIVISION LIES WITHIN THE BOUNDARIES OF ANY MUNICIPALITY'S CORPORATE CITY LIMITS, OR AREA OF EXTRA TERRITORIAL JURISDICTION.
3. THIS SUBDIVISION IS WITHIN THE BOUNDARIES OF THE HARDIN JEFFERSON SCHOOL DISTRICT.
4. PLATED PARCELS OF THIS SUBDIVISION LIES WITHIN THE BOUNDARIES OF FLOOD ZONE "A" WITH A COMMUNITY DEFINED BEF OF 25.5 MINIMUM FINISHED WATER 25.5 AHSJ. FEMA FLOOD INSURANCE RATE MAP FOR JEFFERSON COUNTY, COMMUNITY PANEL NO. 480385 0250 C. DATED AUGUST 6, 2002. FITZ & SHIPMAN, INC. DOES NOT WARRANT NOR SUBSCRIBE TO THE ACCURACY OR SCALE OF SAID MAP.
5. UTILITY NOTES: ELECTRIC UTILITY SERVICE WILL BE PROVIDED BY ENTERGY TEXAS, INC. TELEPHONE UTILITY SERVICE WILL BE PROVIDED BY (BY VARIOUS ENTITIES) GAS UTILITY SERVICE WILL BE PROVIDED BY (NONE AVAILABLE). PUBLIC WATER AND SEWER ARE NOT AVAILABLE.
6. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO A PUBLIC SEWER SYSTEM OR TO AN ON-SITE WASTEWATER SYSTEM, WHICH HAS BEEN APPROVED AND PERMITTED BY JEFFERSON COUNTY.
7. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO AN INDIVIDUAL WATER SUPPLY, STATE APPROVED COMMUNITY WATER SYSTEM, OR ENGINEERED RAINWATER COLLECTION SYSTEM.
8. ALL EXISTING PIPELINE EASEMENTS FOUND WITHIN THE LIMITS OF THE SUBDIVISION HAVE BEEN SHOWN.
9. ALL DRAINAGE EASEMENTS SHOWN HEREON SHALL BE KEPT CLEAR OF FENCES, BUILDINGS, PLANTINGS, AND OTHER OBSTRUCTIONS TO THE OPERATION AND MAINTENANCE OF THE DRAINAGE FACILITIES.
10. BEARINGS ARE BASED ON SURVEY PREPARED BY ERNEST A. CLEMENT, RPLS 5093, DATED 11-22-2010.

NOTARY PUBLIC IN AND FOR JEFFERSON COUNTY, TEXAS

REYNOLDS REAL ESTATES PROPERTIES, L.L.C.
(JOEL REYNOLDS)

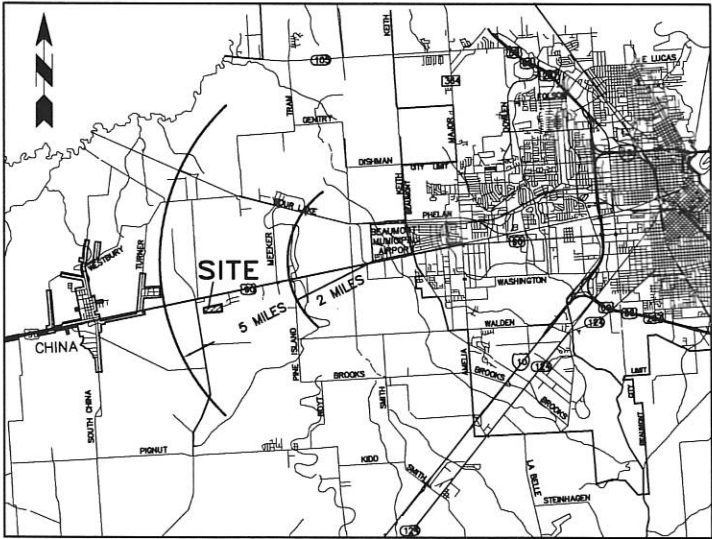
BEFORE ME ON THIS THE 4th _____
AND RANCH, LLC AND REYNOLDS REAL ESTATE

REBECCA L. PELLERIN
MY COMMISSION EXPIRES
May 9, 2016

SANITARY SEWERS, WATER LINES, PAVING & DRAINAGE
TO SERVE

Doguet's
Diamond D Ranch
Phase 3A

WITHIN
JEFFERSON COUNTY, TEXAS



LOCATION MAP
N.T.S.

APPROVED BY:

DON RAO
ENGINEERING SUPERVISOR
JEFFERSON COUNTY, TEXAS

DOUG CANANT, P.E., DISTRICT ENGINEER
JEFFERSON COUNTY
DRAINAGE DISTRICT NO. 6

BILLY KINNEY, PRESIDENT
JEFFERSON COUNTY
DRAINAGE DISTRICT NO. 6

DATE

DATE

DATE

INDEX OF DRAWINGS

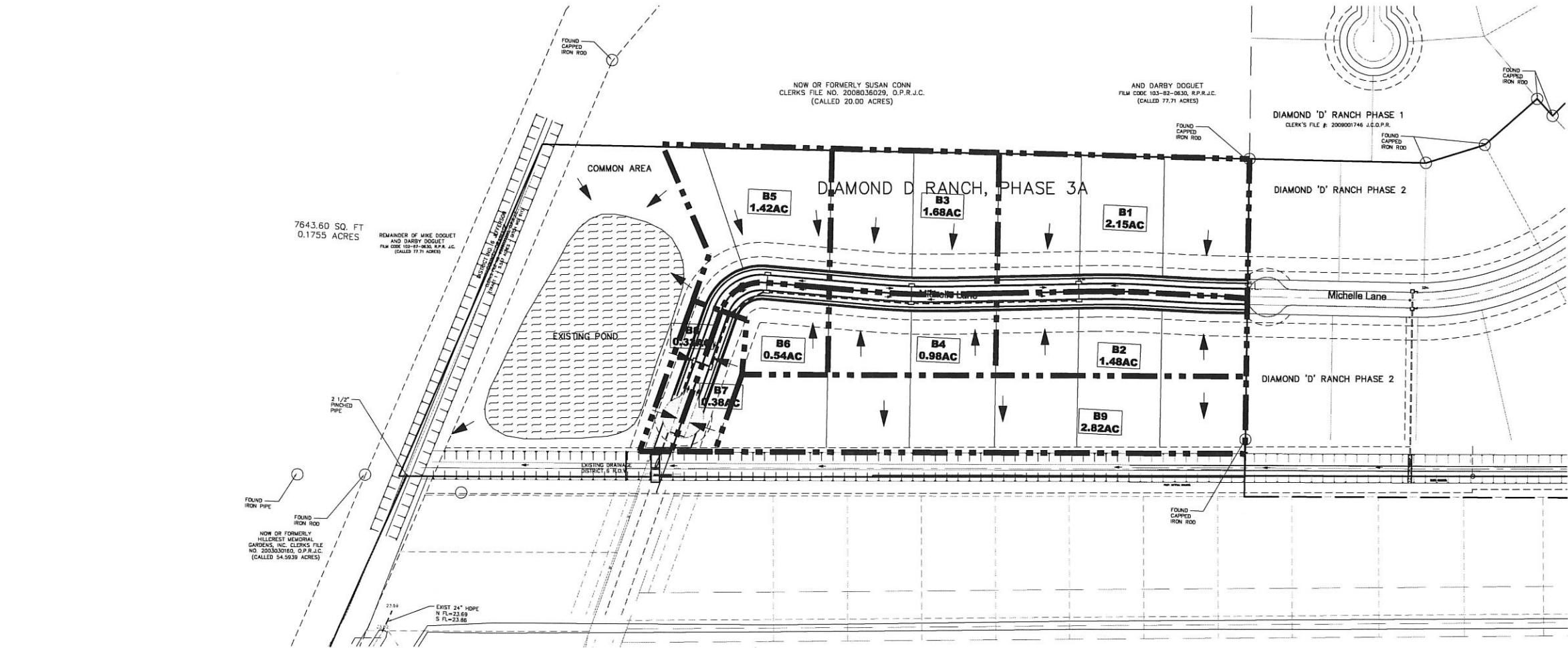
- COVER SHEET
- PRELIMINARY PLAT
- C1.1 DRAINAGE PLAN
- C2.1 MASTER PLAN
- C3.1 EROSION CONTROL
- C6.1 PLAN & PROFILE - MICHELLE LANE
- C6.2 PLAN & PROFILE - MICHELLE LANE
- C6.3 PLAN & PROFILE - MICHELLE LANE
- C8.0 CONSTRUCTION DETAILS
- C8.1 CONSTRUCTION DETAILS
- C8.2 CONSTRUCTION DETAILS
- C8.3 STREET MARKERS & SIGNS
- C8.4 STREET MARKERS & SIGNS

Fittz & Shipman INC.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT BEAUMONT, TEXAS
(409)832-7238 FAX (409)832-7303
T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

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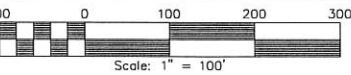
G:\PROJECTS\15142 - Doguets Diamond D Ranch Ph-3\Civil\Drawings\15142 C300.dwg Mar 02, 2016 04:29pm



Drainage Areas				I= b/(t+d) Des. Freq.																											
				5				10				25				50				100											
				b=74.00		b=85.00		b=74.00		b=88.00		b=87.00		b=84.00																	
				d=9.20	d=7.50	d=7.50	d=7.50	d=7.50	d=7.50	d=7.50	d=9.20	d=9.20																			
				a=0.799		a=0.733		a=0.727		a=0.730		a=0.710		a=0.687																	
DRAINAGE AREA NO.	TOTAL AREA (Ac.)	C	Combined C A	Time of Concentration computation along path		Time of Concent. (min.)		I 2 (in./hr.)		Q 2 (c.f.s.)		I 5 (in./hr.)		Q 5 (c.f.s.)		I 10 (in./hr.)		Q 10 (c.f.s.)		I 25 (in./hr.)		Q 25 (c.f.s.)		I 50 (in./hr.)		Q 50 (c.f.s.)		I 100		Q 100 (c.f.s.)	
Phase 3A -- Michelle Lane																															
B1	2.150	0.40	0.860	15.0	min.	5.80	4.99	6.63	5.71	7.69	6.62	8.86	7.62	9.54	8.20	9.41	8.09														
B2	1.457	0.40	0.583	15.0	min.	5.80	3.38	6.63	3.87	7.69	4.48	8.86	5.16	9.54	5.56	9.41	5.48														
B3	1.677	0.40	0.671	15.0	min.	5.80	3.89	6.63	4.45	7.69	5.16	8.86	5.94	9.54	6.40	9.41	6.31														
B4	0.976	0.40	0.390	15.0	min.	5.80	2.28	6.63	2.59	7.69	3.00	8.86	3.46	9.54	3.72	9.41	3.67														
B5	1.421	0.40	0.568	15.0	min.	5.80	3.30	6.63	3.77	7.69	4.37	8.86	5.04	9.54	5.42	9.41	5.35														
B6	0.542	0.40	0.217	15.0	min.	5.80	1.28	6.63	1.44	7.69	1.67	8.86	1.92	9.54	2.07	9.41	2.04														
B7	0.325	0.40	0.130	15.0	min.	5.80	0.75	6.63	0.86	7.69	1.00	8.86	1.15	9.54	1.24	9.41	1.22														
B8	0.382	0.40	0.153	15.0	min.	5.80	0.89	6.63	1.01	7.69	1.18	8.86	1.35	9.54	1.46	9.41	1.44														
B9	2.816	0.40	1.126	15.0	min.	5.80	6.53	6.63	7.47	7.69	8.67	8.86	9.98	9.54	10.74	9.41	10.60														


Storm Drainage Calculations															Freq.= 5		100		n=0.013		conc or HDPE pipe			
															b=85.00		84.00		n=0.015		conc pvmnt			
															d=7.50		9.20		n=0.030		earth channel			
															e=0.733		0.687							
															Time of Concentration				DESIGN				REMARKS	
FROM	TO	DRAINAGE	TOTAL	TOTAL		Along channel				Inlet	Used	I 5	Q 5	d	Slope	Cop.	Vel.							
NO.		AREA	DA	CA	LNTH					Time	Design	(in/hr)	(cfs)	(ft.)	%	(cfs)	(ft/sec)	^ Q						
NO.		NO.	(Ac.)		(ft.)																			
Site Drainage – 5 yr storm freq																								
B1	B1	B1	2.15	0.86	30					10.0	10.0	7.98	6.86	1	18	0.60	7.07	4.00	PIPE 0.21					
B2	B4	B1 +B2	3.61	1.44	300	10.0	+ 30	/ 4.0	/(60)=10.1	10.0	10.1	7.93	11.45	1	24	0.36	11.79	3.75	PIPE 0.35					
B3	B4	B3	1.68	0.67	30					10.0	10.0	7.98	5.35	1	18	0.60	7.07	4.00	PIPE 1.72					
B4	B6	B1–2, +B3 +B4	6.26	2.50	255	10.1	+ 300	/ 3.8	/(60)=11.5	10.0	11.5	7.52	18.83	1	30	0.30	19.52	3.98	PIPE 0.69					
B5	B6	B5	1.42	0.57	30					10.0	10.0	7.98	4.53	1	18	0.60	7.07	4.00	PIPE 2.54					
B6	JCT1	B1–4 +B5 +B6	8.22	3.29	67	11.5	+ 255	/ 4.0	/(60)=12.5	10.0	12.5	7.23	23.76	1	36	0.24	28.39	4.02	PIPE 4.63					
JCT1	B7		8.22	3.29	98	12.5	+ 67	/ 4.0	/(60)=12.8	10.0	12.8	7.15	23.52	1	36	0.24	28.39	4.02	PIPE 4.87					
B7	B8	B1–6 +B7	8.55	3.42	30	12.8	+ 98	/ 4.0	/(60)=13.2	10.0	13.2	7.05	24.10	1	36	0.24	28.39	4.02	PIPE 4.29					
B8	OUT	B1–7 +B8	8.93	3.57	207	13.2	+ 30	/ 4.0	/(60)=13.3	10.0	13.3	7.02	25.06	1	36	0.24	28.39	4.02	PIPE 3.33					
Analysis of Outfall – 100 Yr Storm Frequency																								
B8	OUT	B1–7 +B8	8.93	3.57	207	13.2	+ 30.0	/ 4.0	/(60)=13.3	10.0	13.3	9.88	35.29	1	36	0.38	35.73	5.95	PIPE 0.43					


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Preliminary Drainage Areas & Calc's.

Phase 3A

Diamond D Ranch



Mar 02, 2016

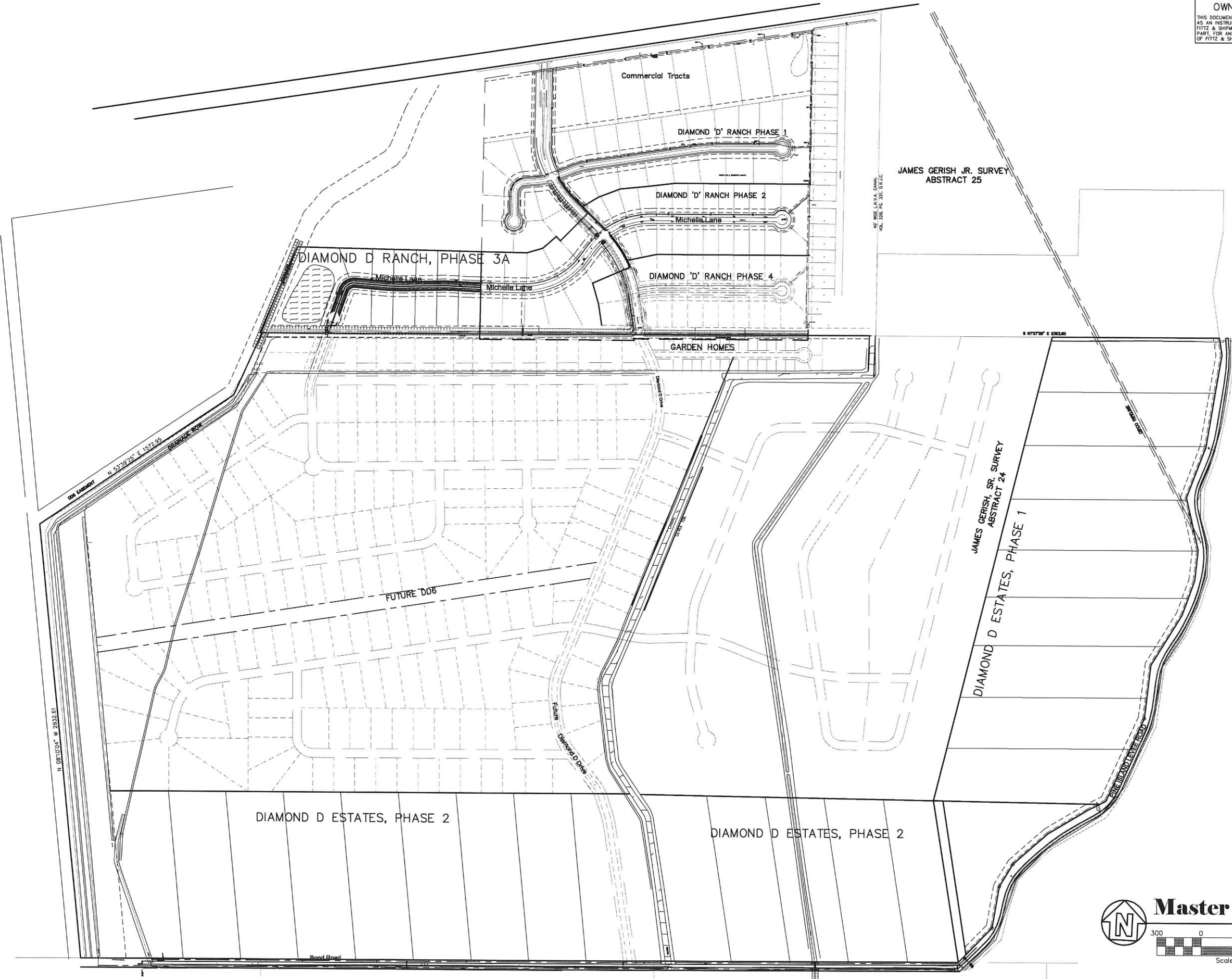
Drainage Areas & Calc's.

Fittz & Shipman
INC.
Consulting Engineers and Land Surveyors
1405 CORNELLSTONE COURT • BEAUMONT, TEXAS • (409)832-7238 • FAX (409)832-7303
T.E.P.E. FIRM # F-01160 • T.X.L.S. FIRM #100188

PROJECT NO.: 15142
DRAWING NAME: C300
SCALE: 1"=100'
DRAWN BY: E.S.G.
CHECKED BY: D.R.K.
PLOT DATE: Mar 02, 2016

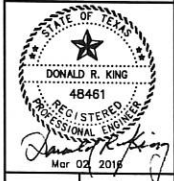
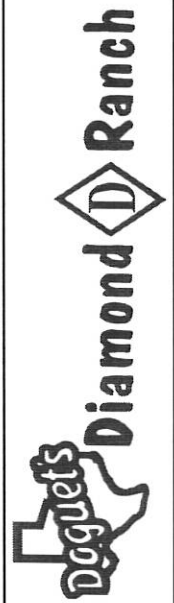
SHEET C1.1

Q:\PROJECTS\15142 - Dogueta Diamond D Ranch Ph-3\Civil\Drawings\15142 C200.dwg Mar 02, 2016 04:30pm



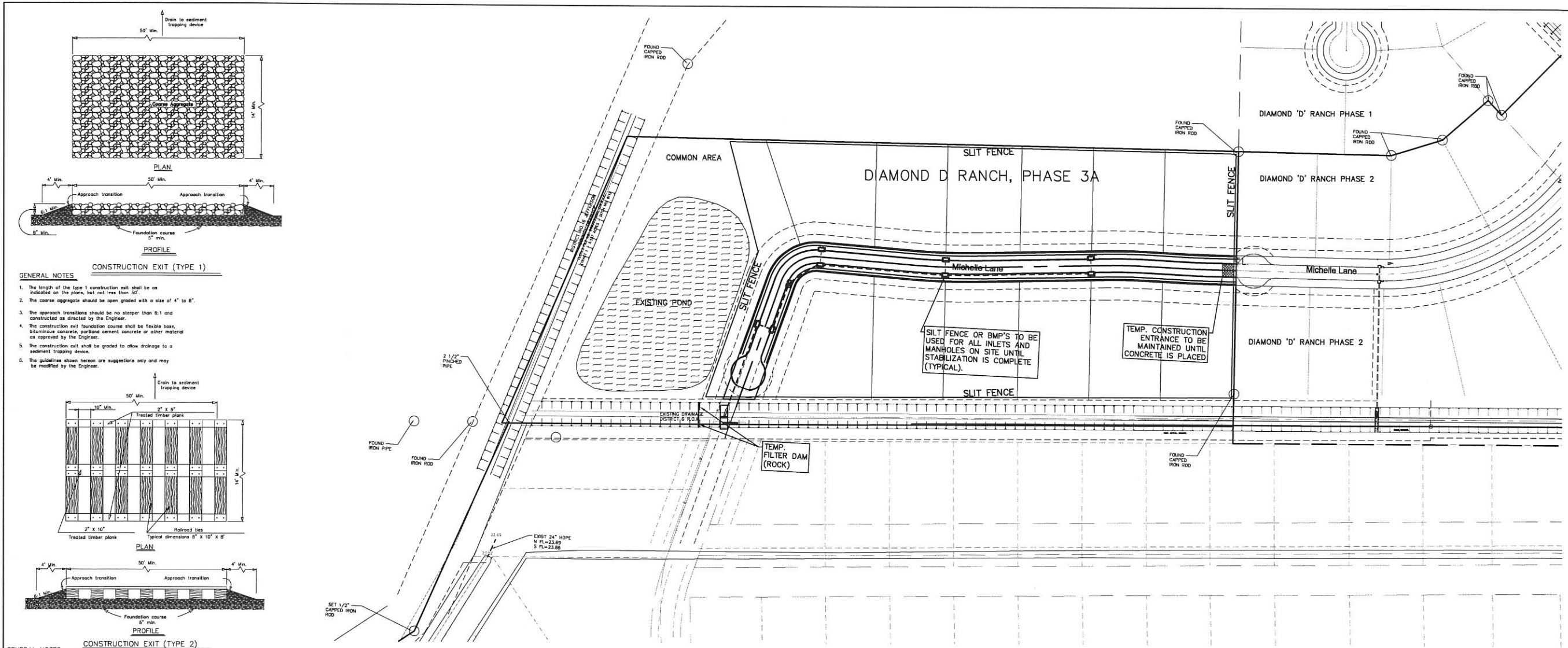
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NO.	ISSUED FOR	DATE



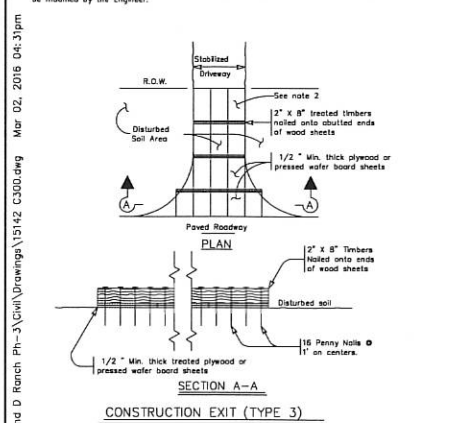
Master Plan
Fittz & Shipman INC.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT • BEAUMONT, TEXAS • (409)832-7238 • FAX (409)832-7303
1812 E. FM # 17-0110 • TX L.S. FIRM #00088

PROJECT NO.: 15142
DRAWING NAME: C200
SCALE: 1" = 300'
DRAWN BY: E.S.C.
CHECKED BY: D.R.K.
PLOT DATE: Mar 02, 2016
SHEET **C2.1**



GENERAL NOTES

1. The length of the type 1 construction exit shall be as indicated on the plans, but not less than 50'.
2. The coarse aggregate should be open graded with a size of 4" to 8".
3. The approach transitions should be no steeper than 6:1 and constructed as directed by the Engineer.
4. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other material as approved by the Engineer.
5. The construction exit shall be graded to allow drainage to a sediment trapping device.
6. The guidelines shown hereon are suggestions only and may be modified by the Engineer.



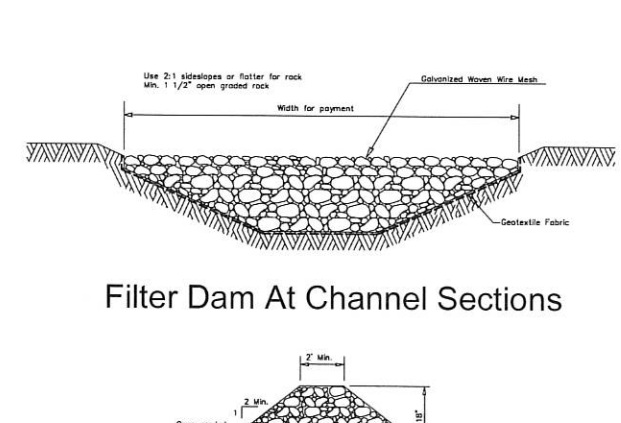
GENERAL NOTES

1. The length of the type 2 construction exit shall be as indicated on the plans, but not less than 50'.
2. The treated timber planks shall be attached to the railroad ties with 1/2" x 8" min. lag bolts. Other fasteners may be used as approved by the Engineer.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The approach transitions shall be no steeper than 6:1 and constructed as directed by the Engineer.
5. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other material as approved by the Engineer.
6. The construction exit should be graded to allow drainage to a sediment trapping device.
7. The guidelines shown hereon are suggestions only and may be modified by the Engineer.



TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) NOTES

1. The implementation of these TESC plans and the construction, maintenance, replacement, and upgrading of these TESC facilities is the responsibility of the applicant/TESC supervisor until all construction is approved.
2. The TESC facilities shown on this plan must be constructed prior to or in conjunction with all clearing and grading so as to ensure that the transport of sediment to surface waters, drainage systems, and adjacent properties is minimized.
3. The TESC facilities shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these TESC facilities shall be upgraded as needed for unexpected storm events and modified to account for changing site conditions (e.g., additional sump pumps, relocation of ditches and silt fences, etc.).
4. The TESC facilities shall be inspected daily by the applicant/TESC supervisor and maintained to ensure continued proper functioning.
5. Any areas of exposed soils, including roadway embankments, that will not be disturbed for two days during the wet season or seven days during the dry season shall be immediately stabilized with the approved TESC methods (e.g., seeding, mulching, plastic covering, etc.).
6. Any permanent retention/detention facility used as a temporary settling basin shall be modified with the necessary erosion control measures and shall provide adequate storage capacity.

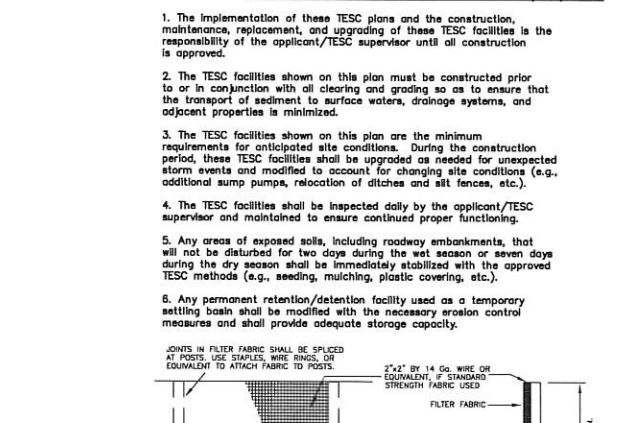


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TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) NOTES

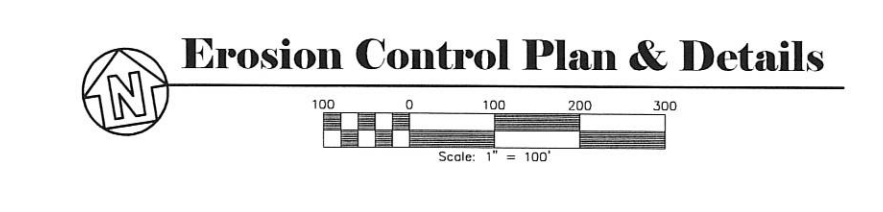
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4. The TESC facilities shall be inspected daily by the applicant/TESC supervisor and maintained to ensure continued proper functioning.
5. Any areas of exposed soils, including roadway embankments, that will not be disturbed for two days during the wet season or seven days during the dry season shall be immediately stabilized with the approved TESC methods (e.g., seeding, mulching, plastic covering, etc.).
6. Any permanent retention/detention facility used as a temporary settling basin shall be modified with the necessary erosion control measures and shall provide adequate storage capacity.

LEGEND

--- TEMP. CONSTRUCTION ENTRANCE
□ ROCK BERM
--- FILTER FABRIC SILT FENCE

EROSION CONTROL NOTES

1. CONTRACTOR SHALL DEVELOP A STORM WATER POLLUTION PREVENTION PLAN (SWP3) IN ACCORDANCE WITH TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) RULES FOR THE SITE. SWP3 PLAN SHALL BE BASED ON THIS DRAWING OR MODIFIED AS REQUIRED.
2. SWP3 SHALL CONTAIN:
A. SITE DESCRIPTION OR PROJECT DESCRIPTION INCLUDING NATURE OF CONSTRUCTION ACTIVITY, POTENTIAL POLLUTANTS AND SOURCES
B. DESCRIPTION OF INTENDED PROJECT SCHEDULE
C. ACREAGE OF SITE
D. DATA DESCRIBING SOIL OR QUALITY OF DISCHARGE FROM SITE
E. GENERAL LOCATION MAP OF SITE
F. DETAILED SITE MAP INDICATING DRAINAGE PATTERNS, PROPOSED CONTROLS.
G. EROSION AND SEDIMENT CONTROLS SELECTED
H. SOIL STABILIZATION METHODS
3. SWP3 PLAN SHALL DESCRIBE PRACTICES TO REDUCE POLLUTANTS IN STORM WATER DISCHARGE, DAILY/WEEKLY SITE INSPECTIONS AND LIST RESPONSIBLE PERSON.
4. CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO TCEQ PRIOR TO DISTURBANCE OF THE SITE.
5. SWP3 PLAN MUST BE RETAINED AT THE CONSTRUCTION SITE AND MADE AVAILABLE TO CITY AND TCEQ INSPECTORS.
6. CONTRACTOR SHALL INSTALL EROSION CONTROL DEVICES INDICATED ON THIS PLAN AND SWP3 PLAN PRIOR TO CONSTRUCTION AT SITE.
7. CONTRACTOR SHALL PERFORM PERIODIC MAINTENANCE AND REPAIR AND/OR REPLACE DEVICES WHEN REQUIRED TO CONTAIN SEDIMENTS AND POLLUTANTS ON THE SITE UNTIL CONSTRUCTION IS COMPLETE AND SITE HAS REACHED FINAL STABILIZATION.
8. CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT) TO TCEQ ONCE CONSTRUCTION IS COMPLETE AND SITE HAS REACHED FINAL STABILIZATION.



DATE

ISSUED FOR

NO.

Phase 3A

Daggett's Diamond D Ranch

STATE OF TEXAS

REGISTERED PROFESSIONAL ENGINEER

48461

Donald R. King

Mar 02, 2016

Erosion Control Plan & Details

Fittz & Shipman

Consulting Engineers and Land Surveyors

INC.

1405 CORNERSTONE COURT • BEAUMONT, TEXAS • (409) 332-7238 • FAX (409) 332-7303

1312 E. FM # 1 • D1160 • T.A.C.S. PER #00166

PROJECT NO.: 15142

DRAWING NAME: C300

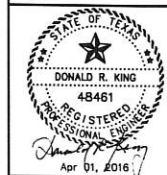
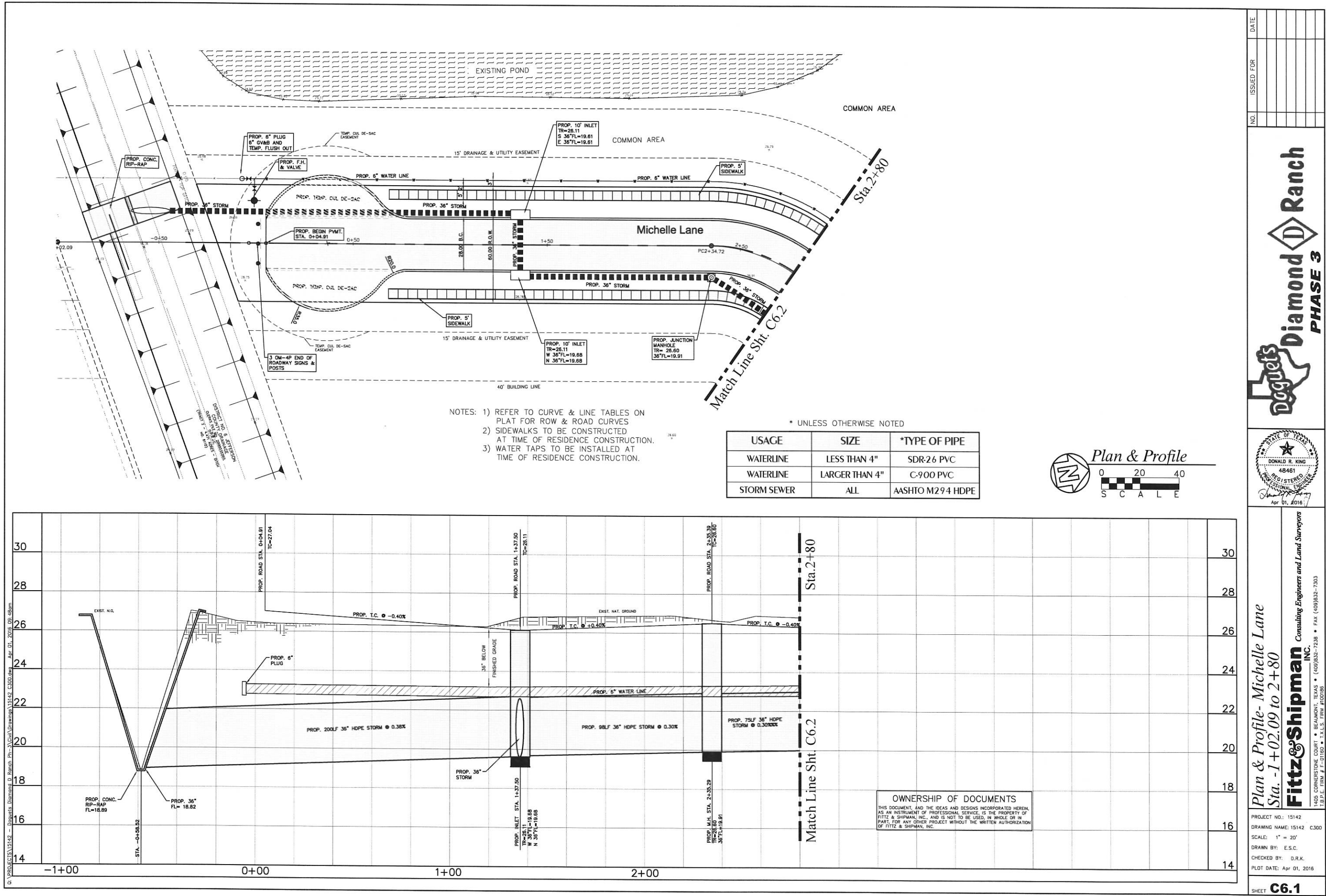
SCALE: 1"=100'

DRAWN BY: E.S.G.

CHECKED BY: D.R.K.

PLOT DATE: Mar 02, 2016

SHEET **C3.1**



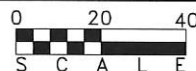
Plan & Profile- Michelle Lane
Sta. -1+02.09 to 2+80

Fittz & Shipman INC.
Consulting Engineers and Land Surveyors
1408 CONQUEST COURT • BEAUMONT, TEXAS • (409)832-7238 • FAX (409)832-7303
TDD: (409)832-7238 • TDD: (409)832-7303

PROJECT NO.: 15142
DRAWING NAME: 15142 C300
SCALE: 1" = 20'
DRAWN BY: E.S.C.
CHECKED BY: D.R.K.
PLOT DATE: Apr 01, 2016
SHEET **C6.1**

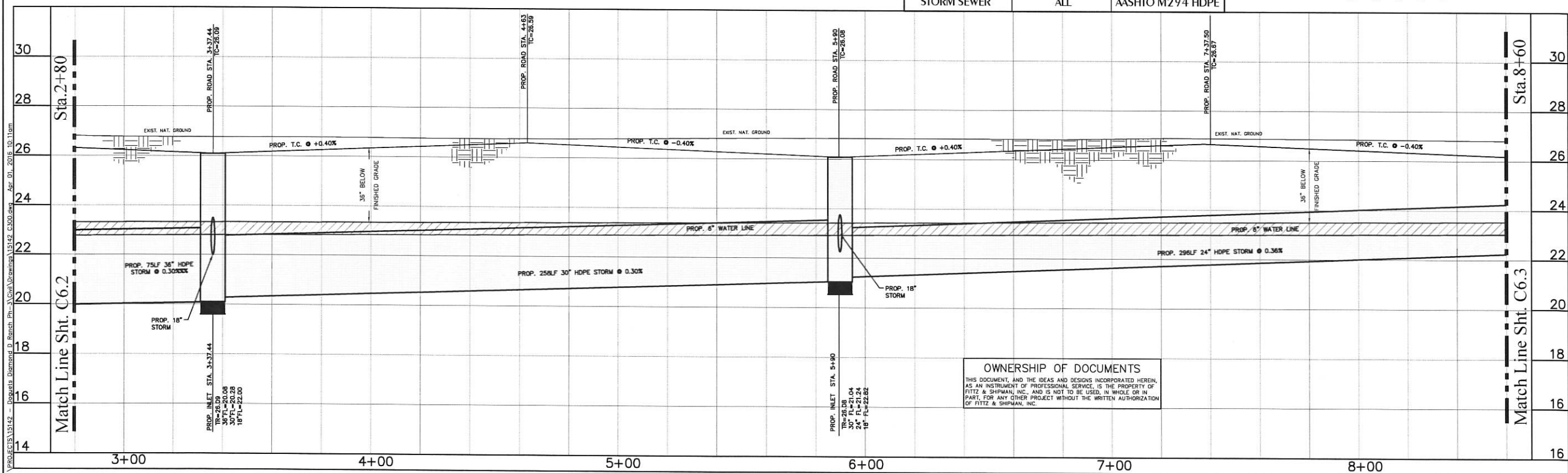
USAGE	SIZE	*TYPE OF PIPE
WATERLINE	LESS THAN 4"	SDR-26 PVC
WATERLINE	LARGER THAN 4"	C-900 PVC
STORM SEWER	ALL	AASHTO M294 HDPE

Plan & Profile



NOTES: 1) REFER TO CURVE & LINE TABLES ON
PLAT FOR ROW & ROAD CURVES
2) SIDEWALKS TO BE CONSTRUCTED
AT TIME OF RESIDENCE CONSTRUCTION.
3) WATER TAPS TO BE INSTALLED AT
TIME OF RESIDENCE CONSTRUCTION.

* UNLESS OTHERWISE NOTED



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[illegible]

Dagnets
Diamond D Ranch
PHASE 3



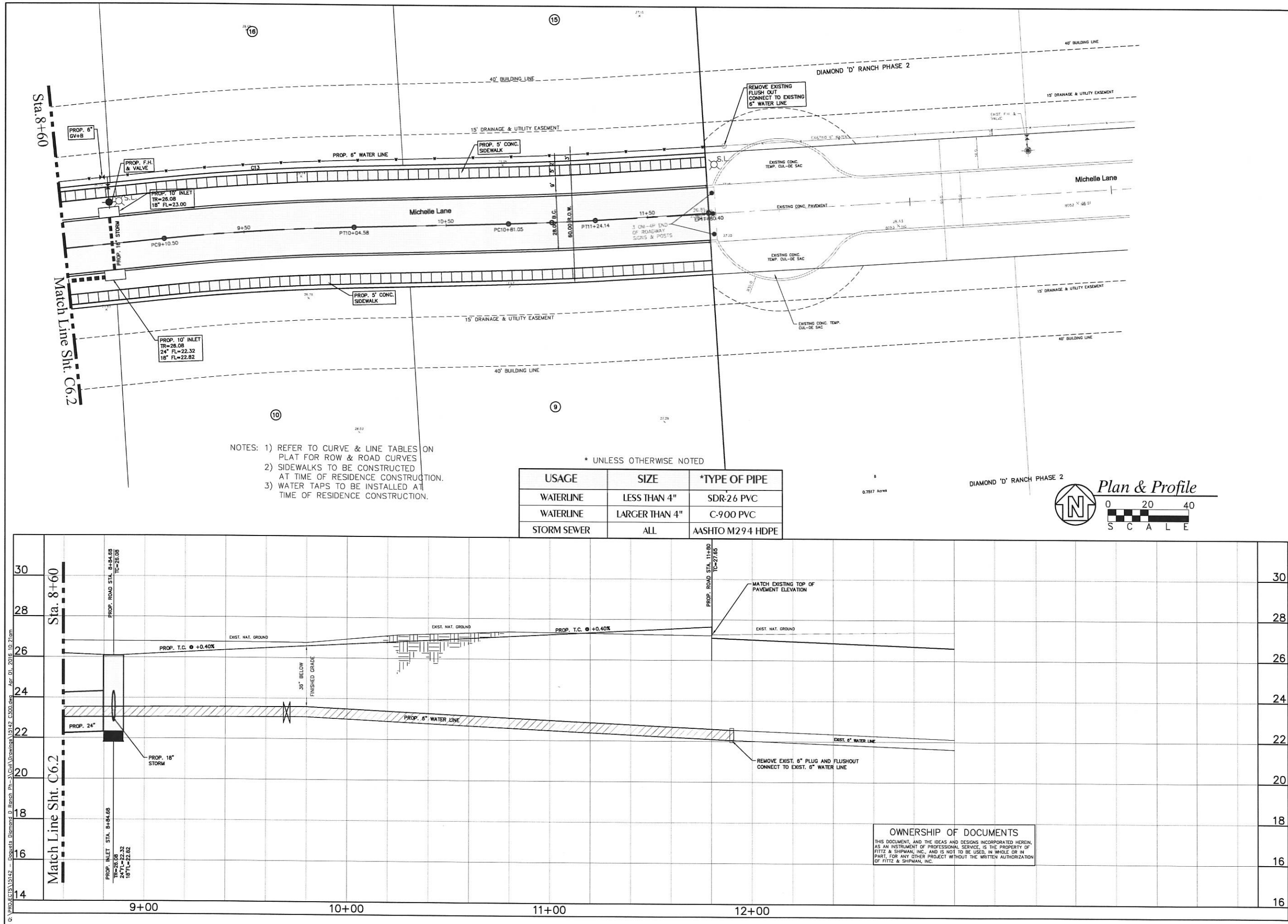
*Plan & Profile- Michelle Lane
Sta. 2+80 to 8+60*

Fittz & Shipman *Consulting Engineers and Land Surveyors*
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PROJECT NO.: 15142
DRAWING NAME: 15142 C300
SCALE: 1" = 20'
DRAWN BY: E.S.C.
CHECKED BY: D.R.K.
PLOT DATE: Apr 01, 2016

SHEET **C6.2**



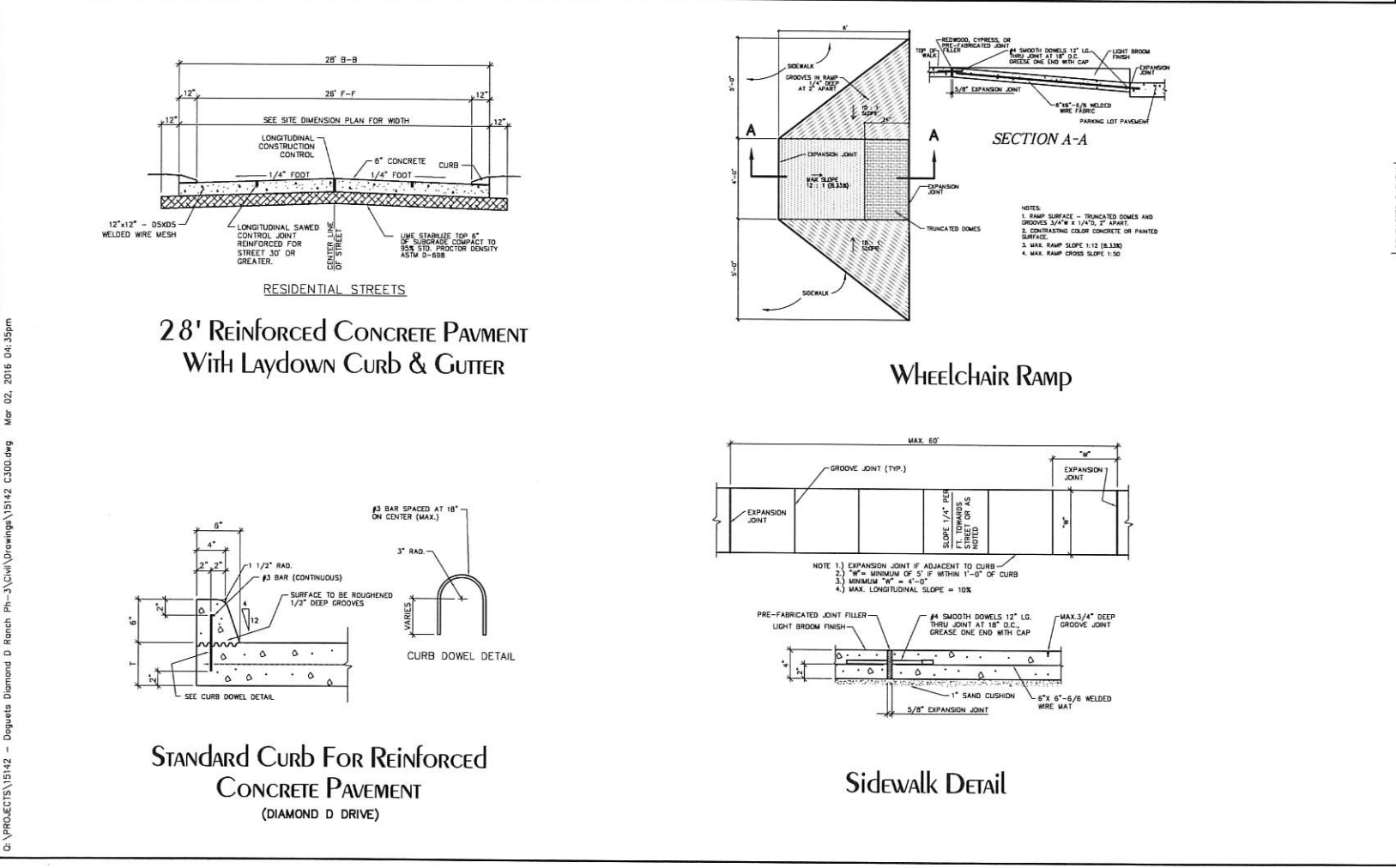
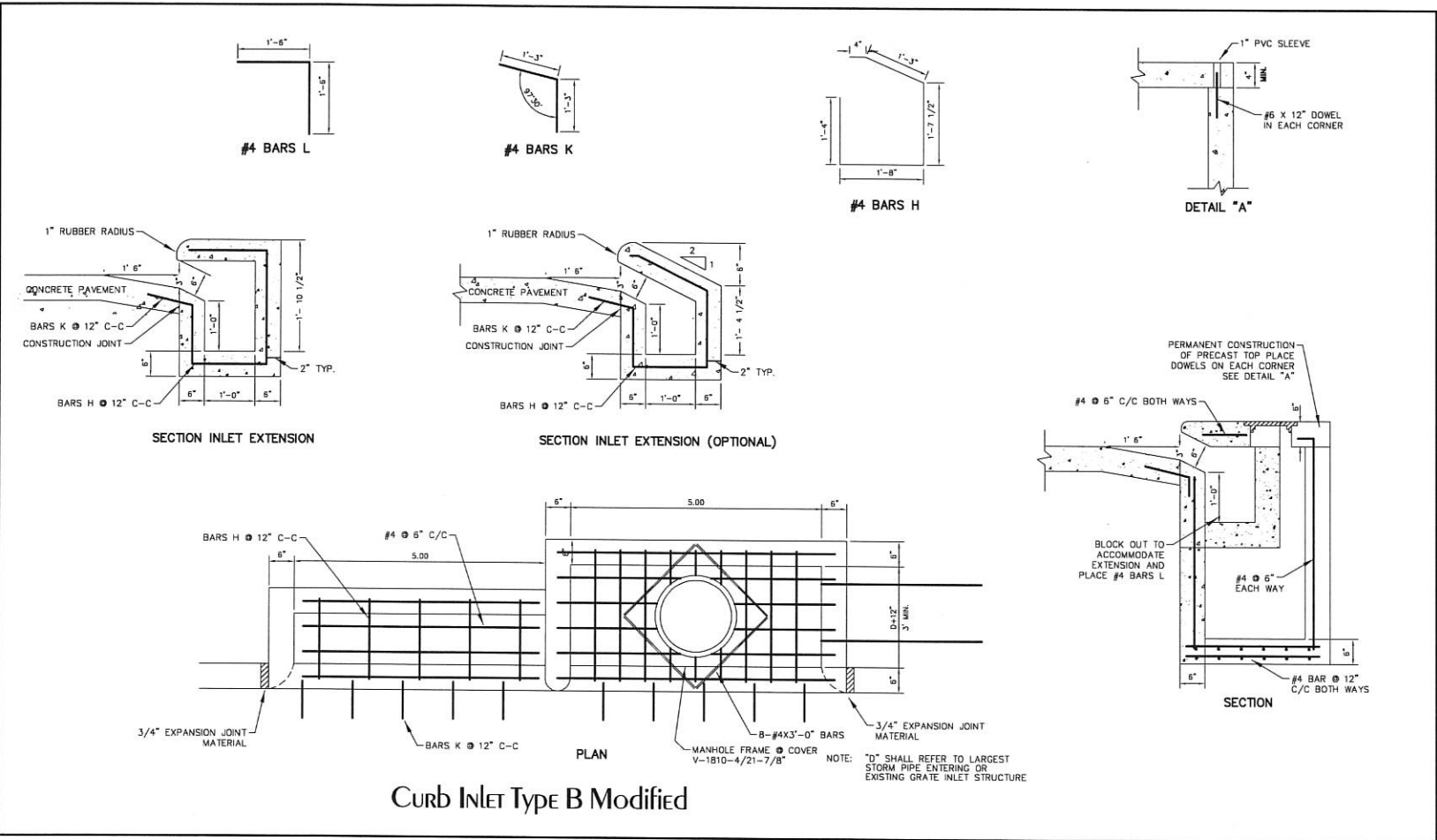
DATE
ISSUED FOR
NO.

Doggett's
Diamond 'D' Ranch
PHASE 3

STATE OF TEXAS
DONALD R. KING
48461
REGISTERED PROFESSIONAL ENGINEER
Apr 01, 2016

Plan & Profile- Michelle Lane
Sta. 8+60 to 11+80
Fitz & Shipman
Consulting Engineers and Land Surveyors
INC.
1308 CONCRETE COURT • BEAUMONT, TEXAS • (409)632-7238 • FAX (409)632-7303
TSP.E. PER # C-0160 • TALLS PER #00166

PROJECT NO.: 15142
DRAWING NAME: 15142 C300
SCALE: 1" = 20'
DRAWN BY: E.S.C.
CHECKED BY: D.R.K.
PLOT DATE: Apr 01, 2016
SHEET **C6.3**



GENERAL NOTES

1. THE COST OF CONSTRUCTION ITEMS NOT COVERED BY A PAY ITEM IN THE BID PROPOSAL SHALL BE INCLUDED IN THE PAY ITEM FOR WHICH IT IS A COMPONENT PART.
2. CONTRACTOR SHALL SUBMIT PROPOSED TRENCH SAFETY PLAN IN ACCORDANCE WITH REQUIREMENTS OUTLINED IN THE TECHNICAL SPECIFICATIONS.
3. INCLUDE PRICE OF ALL BEDDING OF STANDARD TYPE REQUIRED FOR UTILITY LINES IN PRICE BID PER LINEAR FOOT OF PIPE.
4. CONTRACTOR SHALL NOTIFY JEFFERSON COUNTY, CITY OF BEAUMONT, AND MEERER M.U.D. 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN R.O.W. OR EASEMENTS.
5. ADEQUATE DRAINAGE THROUGHOUT THE LIMITS OF THE PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT ALL TIMES.
6. DURING THE PROSECUTION OF THE WORK, UTMOST CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO ANY UTILITIES, STRUCTURES, OR RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITY LINES. IF ANY UNDERGROUND UTILITIES ARE ENCOUNTERED AND ARE IN CONFLICT WITH THE CONTRACTOR'S OPERATION, HE SHALL NOTIFY THE ENGINEER WHO WILL RECOMMEND ANY NECESSARY ADJUSTMENTS.
7. CONTRACTOR SHALL CONTROL CONSTRUCTION ACTIVITIES TO MINIMIZE DUST AND SEDIMENTS. CONTRACTOR SHALL SUBMIT PLAN FOR CONTROL OF EROSION AND SHALL PROVIDE TEMPORARY EROSION CONTROL DEVICES DURING THE COURSE OF THE PROJECT.
8. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES AND UTILITY LINES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES - NO SEPARATE PAY. IN THE EVENT OF UTILITY CONFLICTS, THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY.
9. UPON COMPLETION OF THE PROJECT, THE SITE SHALL BE CLEANED OF ALL DEBRIS AND LEFT IN A NEAT AND PRESENTABLE CONDITION. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
10. CONTRACTOR SHALL SPREAD SURPLUS EXCAVATED MATERIAL ON SITE. FILL SHALL BE PLACED IN A MANNER THAT WILL MAINTAIN UNINTERRUPTED DRAINAGE OF THE SITE AND ADJACENT AREA. OBJECTIONABLE MATERIAL TO BECOME PROPERTY OF CONTRACTOR AND REMOVED FROM JOB SITE AT HIS EXPENSE.
11. CONTRACTOR SHALL INCLUDE BACKFILL BEHIND CURB AND PROVIDE TOPSOIL AND SODDING FOR AREAS DISTURBED. AREA FOR PAYMENT SHALL BE LIMITED TO ACTUAL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES.
12. CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS IN AREA.
13. EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS AS NECESSARY.
14. CONTRACTOR IS RESPONSIBLE FOR ALL TIME AND EQUIPMENT NECESSARY FOR DEWATERING TRENCHES, EXCAVATIONS, AND OTHER GENERAL WORK AREAS.

USE OF CADD FILES

UPON THE SIGNING OF A RELEASE, FITZ & SHIPMAN, INC. WILL PROVIDE CADD FILES STRIPPED OF TITLE BLOCKS & SEALS. A FEE WILL BE ACCESSED IN ACCORDANCE WITH THE FOLLOWING FEE SCHEDULE:

MINIMUM CHARGE FOR OF \$100 FOR THE FIRST SHEET AND \$50 FOR EACH ADDITIONAL SHEET. SALES TAX WILL BE ADDED TO THE ABOVE FEES UNLESS A SALES TAX EXEMPT CERTIFICATE IS PROVIDED.

WHEN PLAN SHEETS ARE PRINTED ON MULTIPLE SHEETS THE FEE WILL BE ACCESSED PER PRINTED SHEET BUT ONE CADD FILE WILL BE PRESENTED.

SPECIFICATION DATA

TEXAS 811
(800) DIG-TESS
(800) 344-8377
(Texas Excavation Safety System)
www.TEXAS811.org

SPECIFICATION DATA

PAVING & DRAINAGE

1. SCARIFY SUBGRADE TO A DEPTH OF 6 INCHES AND STABILIZE WITH 4-6% HYDRATED LIME. COMPACT TO 95% STD PROCTOR DENSITY ASTM D-998 IN ACCORDANCE WITH TxDOT ITEM 260. CONTRACTOR TO PERFORM SOIL DENSITY TESTING FOR ALL ROADWAYS AND BACKFILLING DRAINAGE DITCH AT 8' LIFTS. ALL TESTING TO BE AT CONTRACTORS EXPENSE.
2. ALL CONCRETE FOR PAVING TO BE CLASS "P" (5 SACK/C.Y., 555 PSI FLEXURAL STRENGTH @ 7 DAYS). SAWING OF JOINTS SHALL BEGIN AS SOON AS WORKABLE AND SHALL BE COMPLETED BEFORE 24 HOURS HAVE ELAPSED. ANY RANDOM CRACKING OF THE PAVEMENT DUE TO INCOMPLETE SAWING OPERATIONS SHALL REQUIRE THE REMOVAL AND REPLACEMENT OF THE DAMAGED SECTION AT THE CONTRACTOR'S EXPENSE. BEAM SAMPLES SHALL BE MADE FOR CONCRETE PAVEMENT TESTING.
3. NO WOOD FORMS ARE ALLOWED TO BE USED FOR CONCRETE PAVEMENT EXCEPT FOR BLOCK OUTS, TIE INS AND AT RADI.
4. STEEL REINFORCEMENT FOR PAVEMENT SHALL BE WIRE MATS 12" x 12" x D5 x D5.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF CONCRETE PAVEMENTS TO PROPER THICKNESS AS PROVIDED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. INSPECTION OF FORMS AND GRADING WILL BE CONDUCTED PRIOR TO PLACEMENT OF CONCRETE AND RANDOM CORE SAMPLES WILL BE CONDUCTED AFTER COMPLETION PER SPECIFICATIONS TO MEASURE THICKNESS. CONTRACTOR WILL HAVE ULTIMATE RESPONSIBILITY FOR PROPER CONCRETE PAVEMENTS.
6. EXPANSION JOINTS TO BE PLACED @ ALL RADIUS RETURNS AND WHEN TYING INTO EXISTING PAVEMENTS.
7. STORM SEWER & CULVERT PIPE SHALL BE OF THE FOLLOWING MATERIALS:
 - A. AASHTO M294/M252 SMOOTH WALL, CORRUGATED EXTERIOR WALL, HIGH DENSITY POLYETHYLENE (HDPE) PIPE ADS N-12 WT OR EQUAL WITH LOCKING PUSH ON JOINTS AND WITH WATER TIGHT GASKETS MEETING ASTM F477. HDPE PIPE TO BE INSTALLED AS SHOWN IN PLANS AND ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
8. BACKFILL ALL HDPE PIPE ON SAME DAY AS INSTALLATION.
9. ALL EXPOSED CONCRETE CORNERS OF MANHOLES, INLETS, OR OTHER STRUCTURES SHALL BE CHAMFERED 1".
10. CONTRACTOR SHALL BACKFILL AROUND ALL MANHOLES, INLETS, AND CATCH BASINS, WITH CEMENT STABILIZED SAND COMPACTED TO FILL ALL VOID CEMENT STABILIZED SAND SHALL NOT CONTAIN LESS THAN 1 1/2 SACKS CEMENT PER TON OF TOTAL MIXTURE.
11. CONTRACTOR SHALL INCLUDE BACKFILL BEHIND CURB AND PROVIDE TOPSOIL FOR AREAS DISTURBED. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
12. EROSION CONTROL DEVICES TO CONTROL/CONTAIN SEDIMENT RUNOFF AND TO PREVENT TRACKING ONTO PUBLIC STREETS MUST BE PROPERLY INSTALLED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION AND MUST REMAIN IN PLACE UNTIL BUILDING ERECTION AND/OR PAVING WORK IS COMPLETE AND/OR ADEQUATE VEGETATION IS ESTABLISHED TO PREVENT EROSION OF SOILS INTO STREETS OR DRAINAGE SYSTEMS.
13. CONTRACTOR SHALL SUBMIT A TRAFFIC PLAN TO THE ENGINEER WHICH CONFIRMS TO THE MOST CURRENT TMUTCD.
14. CONTRACTOR SHALL PROVIDE A MINIMUM OF 1 (ONE) SET OF FLEXURAL STRENGTH TEST RESULT FOR EACH 100 CY. OF CONCRETE OR A FRACTION THEREOF. ALL TESTING TO BE AT CONTRACTORS EXPENSE.

SPECIFICATION DATA

WATER

1. ALL WATER MAINS AND APPURTENANCES SHALL CONFORM TO THE CITY OF BEAUMONT SPECIFICATIONS AND STANDARDS
2. SPACING OF WATER LINES AND SANITARY SEWERS WILL BE IN ACCORDANCE WITH THE FOLLOWING:

TCEQ SECTION 317.13 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TCEQ SECTION 337.206 (d) TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TCEQ SECTION 290.44 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TCEQ SECTION 290.44(e)(b)(iii)(v) TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TCEQ SECTION 290.44(e)(b)(iv)(v) TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TCEQ SECTION 317.13 (APPENDIX E) TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
3. WATER MAINS 4 INCH DIAMETER AND LARGER SHALL BE PVC PIPE AND SHALL CONFORM TO AWWA C-900, CLASS 150. WATER LINES LESS THAN 4 INCH DIAMETER SHALL BE PVC SDR-26 CLASS 160. WATER SERVICE LINES SHALL BE CLASS 200 PE TUBING.
4. VALVES SHALL BE AWWA C500 IRON-BODY GATE VALVES WITH NON-RISING STEM.
5. FITTINGS SHALL BE DUCTILE IRON AND CONFORM TO AWWA C110.
6. PRESSURE RATING OF VALVES, FITTINGS AND APPURTENANCES IS TO EQUAL OR EXCEED PRESSURE RATING OF ADJACENT WATER PIPELINE.
7. PROVIDE ADEQUATE THRUST BLOCKING AND JOINT RESTRAINTERS TO WITHSTAND TEST PRESSURES. CONCRETE SHALL BE 5 SACK/C.Y. MIN. 3,000 PSI @ 28 DAYS.
8. PRESSURE TESTING AND STERILIZATION OF WATER MAINS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF BEAUMONT ITEM 809 AND AWWA C651 UNDER THE SUPERVISION OF THE CITY OF BEAUMONT. CONTRACTOR SHALL GIVE MIN. 24 HOURS NOTICE TO THE CITY OF BEAUMONT AND SHALL PERFORM PRESSURE TESTS AND STERILIZATION AND FURNISH ALL MATERIALS AND EQUIPMENT FOR SAME. THE CITY WILL BE RESPONSIBLE FOR BACTERIOLOGICAL SAMPLES AND TESTING.
9. ALL WATER LINE TRENCHES CROSSING BENEATH THE PAVING SHALL BE BACKFILLED WITH A CEMENT STABILIZED BACKFILL MATERIAL FROM TOP OF SAND ENVELOPE ENCASEMENT TO THE BOTTOM OF PAVEMENT GRADE. CEMENT STABILIZED SAND SHALL NOT CONTAIN LESS THAN 2 SACKS CEMENT PER CUBIC YARD OF TOTAL MIXTURE.

OWNERSHIP OF DOCUMENTS

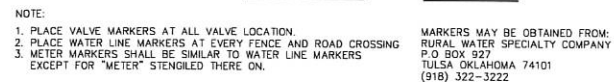
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Construction Details

Fittz & Shipman, Inc.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT • BEAUMONT, TEXAS • (409)832-7235 • FAX (409)832-7303
TSP.E.FRM # F-0160 • T.X.L.S. FRM #0008

PROJECT NO: 15142
DRAWING NAME: C300
SCALE: N.T.S.
DRAWN BY: J.L.H.
CHECKED BY: D.R.K.
PLOT DATE: Mar 02, 2016

SHEET **C8.1**



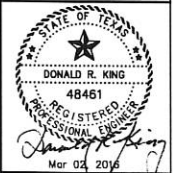
MARKER DETAIL



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Dequets
Diamond D Ranch
Phase 3



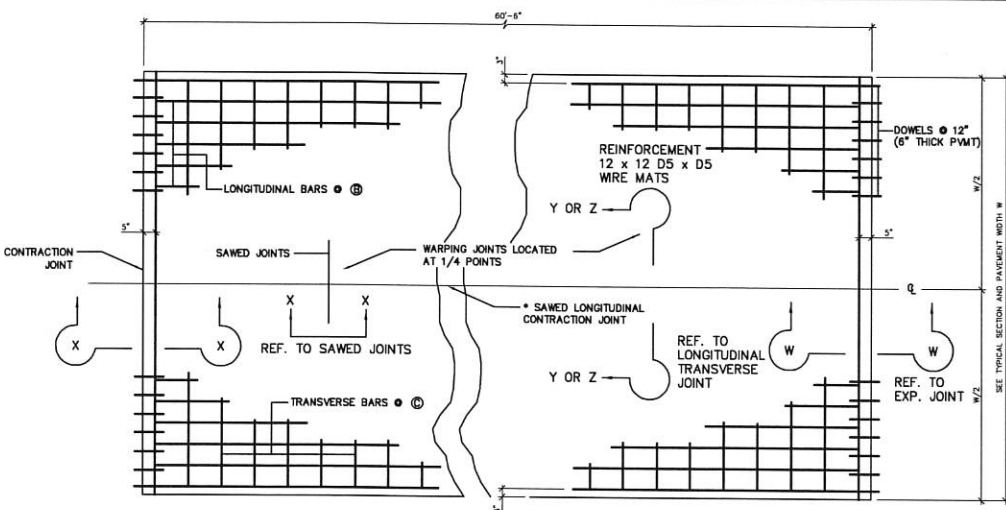
Construction Details

Fittz & Shipman Consulting Engineers and Land Surveyors
INC.

WASE CONVENTIONS COURT • BEAUMONT, TEXAS • FAX (409) 832-7303
18 P.O. BOX # 7 • 77601 • TX, U.S. FROM #000109

PROJECT NO.: 15142
DRAWING NAME: C300
SCALE: N.T.S.
DRAWN BY: J.L.H.
CHECKED BY: D.R.K.
PLOT DATE: Mar 02, 2016

SHEET **C8.2**

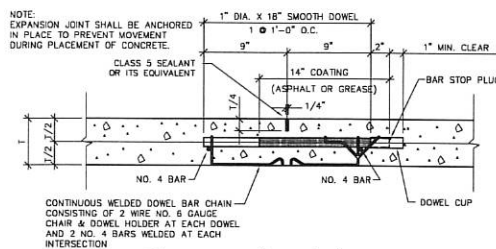
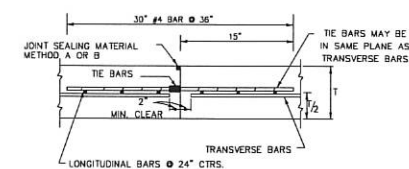
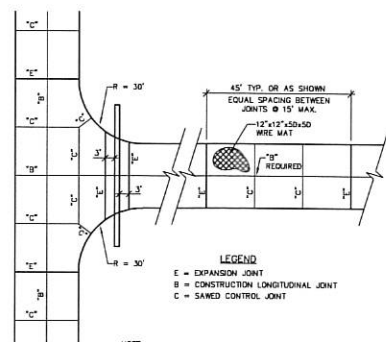


- NOTE:
LONGITUDINAL JOINTS SHALL BE PLACED AT 5' ± 14.75' OFF BACK OF CURB, UNLESS OTHERWISE APPROVED.
1. THE CONTRACTOR MAY USE #3, #4, OR #5 BARS FOR TRANSVERSE OR LONGITUDINAL STEEL. SPACINGS B AND C SHOWN IN THIS TABLE ARE FOR #3 BARS. EQUIVALENT SPACINGS OF #4 OR #5 BARS THAT MAINTAIN AN EQUIVALENT OR GREATER AREA OF STEEL WILL BE ACCEPTED IN ANY CROSS SECTIONS, PROVIDED NO SPACINGS ARE GREATER THAN 36".
2. STEEL WEIGHTS ARE FOR CONTRACTOR'S INFORMATION ONLY AND INCLUDE WEIGHT OF LONGITUDINAL AND TRANSVERSE BARS.
3. SPACING SHOWN ARE FOR ASTM DESIGNATION A-65 OR A-916, GRADE 60 TIEBARS. IF ASTM A-615, GRADE 60 TIEBARS ARE USED, THE AVERAGE SPACING SHALL BE TWO-THIRDS OF THE SPACINGS SHOWN IN THE TABLE.
4. THE B SPACINGS ADJACENT TO THE LONGITUDINAL BAR NEAREST THE EDGE OF PLACEMENT SHALL BE ADJUSTED IN WIDTH TO MAINTAIN THE 3" EDGE SPACING SHOWN IN DETAILS OF LONGITUDINAL CONTRACTION JOINT. SECTION 1-Y AND TYPICAL SECTION SECTION 2-Z, IN A LIKE MANNER, THE C SPACING ADJACENT TO THE TRANSVERSE BARS NEAREST THE CONTRACTION JOINT SHALL BE ADJUSTED IN WIDTH TO MAINTAIN THE 5" SPACING FROM THE VERTICAL PLANE OF THE JOINT.

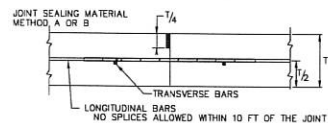
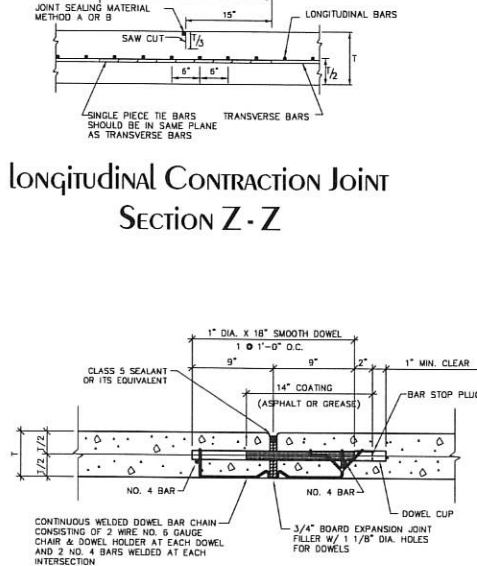
SLAB THICKNESS (IN.)	TRANSVERSE STEEL X-Z		TIE BARS AT LONGITUDINAL CONTRACTION JOINT Y-Y		TIE BARS AT LONGITUDINAL CONTRACTION JOINT Z-Z	
	BAR SIZE	SPACING (IN.)	BAR SIZE	SPACING (IN.)	BAR SIZE	SPACING (IN.)
6.0 - 7.5	#5	36	#5	36	#5	24
8.0 - 13.0	#5	36	#5	36	#6	24

PAVEMENT THICKNESS T (INCHES)	SPACINGS FOR #3 BARS 13'-8" PLACEMENT WIDTH								SPACINGS FOR #3 BARS 14'-0" PLACEMENT WIDTH								SPACINGS FOR #3 BARS 27'-0" PLACEMENT WIDTH								DOWELS (SMOOTH BARS)		TIEBARS (DEFORMED)	
	LONGITUDINAL				TRANSVERSE				LONGITUDINAL				TRANSVERSE				LONGITUDINAL				TRANSVERSE				SIZE	AVG WT (#/FT)	SIZE	AVG WT (#/FT)
	NO. 4 SPACED BARS (IN)	NO. 5 SPACED BARS (IN)	NO. 6 SPACED BARS (IN)	NO. 7 SPACED BARS (IN)	NO. 4 SPACED BARS (IN)	NO. 5 SPACED BARS (IN)	NO. 6 SPACED BARS (IN)	NO. 7 SPACED BARS (IN)	NO. 4 SPACED BARS (IN)	NO. 5 SPACED BARS (IN)	NO. 6 SPACED BARS (IN)	NO. 7 SPACED BARS (IN)	NO. 4 SPACED BARS (IN)	NO. 5 SPACED BARS (IN)	NO. 6 SPACED BARS (IN)	NO. 7 SPACED BARS (IN)	NO. 4 SPACED BARS (IN)	NO. 5 SPACED BARS (IN)	NO. 6 SPACED BARS (IN)	NO. 7 SPACED BARS (IN)	NO. 4 SPACED BARS (IN)	NO. 5 SPACED BARS (IN)	NO. 6 SPACED BARS (IN)	NO. 7 SPACED BARS (IN)				
6	8	22-1/2	31	24	3.66	9	21	31	24	3.80	15	22-5/8	31	24	3.67	1" x 18"	4.01	#4 x 30'	0.56									
7	8	22-1/2	31	24	3.66	9	21	31	24	3.80	15	22-5/8	31	24	3.67	1" x 18"	4.01	#4 x 30'	0.56									
8	8	22-1/2	31	24	3.66	9	21	31	24	3.80	15	22-5/8	31	24	3.67	1" x 18"	4.01	#4 x 30'	0.56									
9	10	17-1/2	24	24	4.16	11	18-3/4	31	24	4.03	17	19-3/4	31	24	3.92	1-1/8" x 20	12	5.63	#4 x 30'	0.56								
10	10	17-1/2	24	24	4.16	11	18-3/4	31	24	4.03	17	19-3/4	31	24	3.92	1-1/8" x 20	12	5.63	#4 x 30'	0.56								
11	11	15-3/4	37	20	4.72	11	16-3/4	37	20	4.59	20	16-3/4	37	20	4.63	1-1/4" x 22	12	5.63	#4 x 30'	0.56								
12	12	14-3/4	41	18	5.07	12	15-1/4	41	18	5.03	22	15-1/4	41	18	5.1	1-1/4" x 22	12	5.63	#4 x 30'	0.67								
13	13	14-1/4	49	18	5.48	13	14-3/4	49	18	5.42	22	14-3/4	49	18	5.48	1-1/4" x 22	12	5.63	#4 x 30'	0.67								
14	14	13-1/4	49	15	5.87	14	13	49	15	5.92	25	13	49	15	5.98	1-1/2" x 22	12	5.63	#4 x 30'	0.67								

Two Lane Pavement Plan

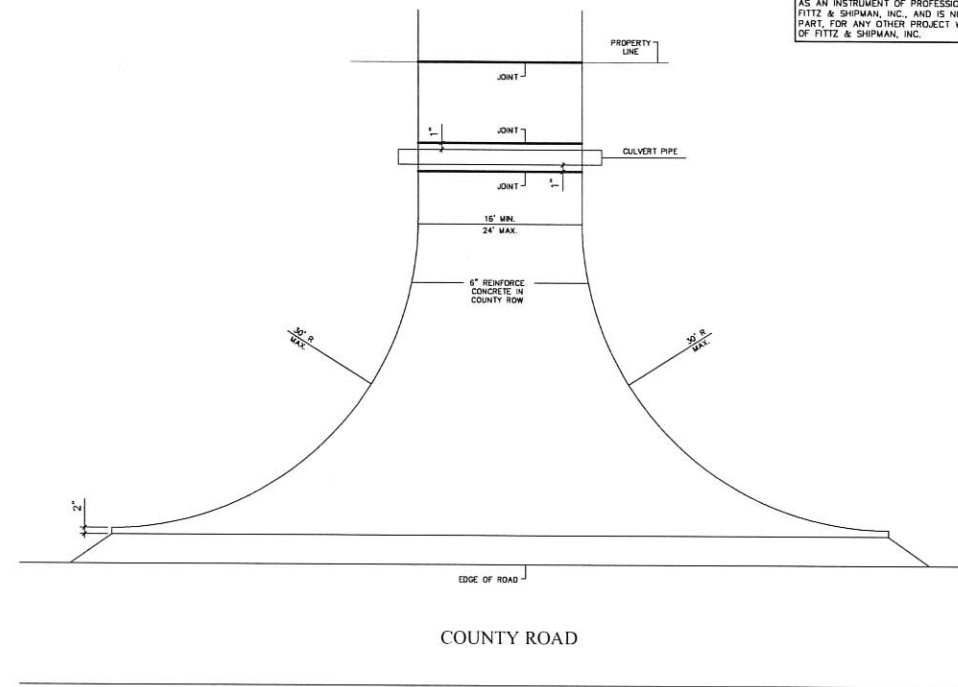
CONTRACTION JOINT
SECTION W - W
(SPACING 60' O.C.)LONGITUDINAL CONSTRUCTION JOINT
SECTION Y - Y

Typ. Intersection & Joint Spacing Detail

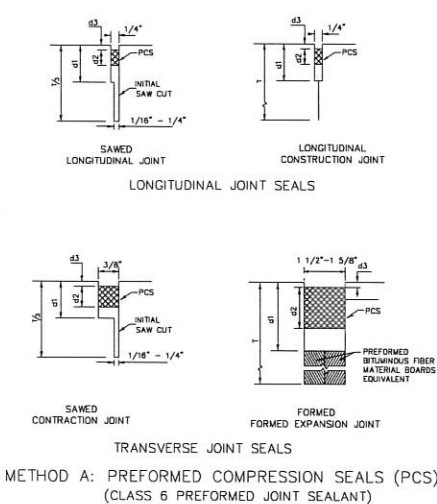
TRANSVERSE CONSTRUCTION JOINT
SECTION X - XLONGITUDINAL CONTRACTION JOINT
SECTION Z - Z

DOWEL INFORMATION			
CONC. THICKNESS	DOWEL DIAMETER	DOWEL LENGTH	DOWEL SPACING
5"	3/4"	18"	18"
6"	1"	18"	24"

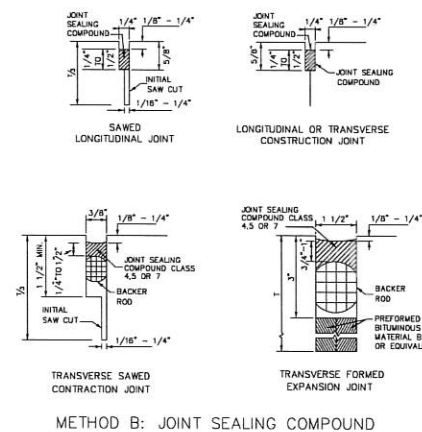
Expansion Joint



Jefferson County Driveway Detail

METHOD A: PREFORMED COMPRESSION SEALS (PCS)
(CLASS 6 PREFORMED JOINT SEALANT)

- GENERAL NOTES FOR METHOD "A"
- UNLESS OTHERWISE SHOWN IN THE PLANS, EITHER METHOD "A" OR METHOD "B" MAY BE USED.
 - THE LOCATION OF JOINTS SHALL BE AS SHOWN ELSEWHERE IN THE PLANS.
 - DIMENSIONS #1, #2, AND #3 SHALL BE IN ACCORDANCE WITH THE PREFORMED COMPRESSION SEAL MANUFACTURER'S RECOMMENDATION.
 - THE JOINT RESERVOIR FOR SEALANT SHALL BE SAWED UNLESS OTHERWISE SHOWN ON THE PLANS FOR THE LONGITUDINAL AND TRANSVERSE CONTRACTION AND THE TWO SAWED JOINTS.
 - THE JOINTS SHALL BE CLEANED IN ACCORDANCE WITH THE ITEM 438 AND PRIOR TO BEGINNING OPERATIONS, THE CONTRACTOR SHALL SUBMIT A STATEMENT FROM THE SEALANT MANUFACTURER SHOWING THE RECOMMENDED EQUIPMENT AND INSTALLATION PROCEDURES TO BE USED.
 - THE SAW CUT FOR THE LONGITUDINAL JOINT SHALL BE ONE FOURTH THE SLAB THICKNESS WHEN CRUSHED LESTONE IS USED AS THE COARSE AGGREGATE.



METHOD B: JOINT SEALING COMPOUND

- GENERAL NOTES FOR METHOD "B"
- UNLESS OTHERWISE SHOWN IN THE PLANS, EITHER METHOD "A" OR METHOD "B" MAY BE USED.
 - THE LOCATION OF JOINTS SHALL BE AS SHOWN ELSEWHERE IN THE PLANS.
 - THE ENGINEER SHALL SELECT A TARGET PLACEMENT THICKNESS FOR THE SEALANT DETAILS WHICH SHOW RANGES IN THICKNESS. THE TARGET THICKNESS WILL NORMALLY BE THE MIDPOINT OF THE RANGE.
 - THE JOINT RESERVOIR FOR SEALANT SHALL BE SAWED UNLESS OTHERWISE SHOWN ON THE PLANS FOR THE LONGITUDINAL AND TRANSVERSE CONTRACTION AND THE TWO SAWED JOINTS.
 - THE JOINTS SHALL BE CLEANED IN ACCORDANCE WITH THE ITEM 438 AND PRIOR TO BEGINNING OPERATIONS, THE CONTRACTOR SHALL SUBMIT A STATEMENT FROM THE SEALANT MANUFACTURER SHOWING THE RECOMMENDED EQUIPMENT AND INSTALLATION PROCEDURES TO BE USED.
 - THE SAW CUT FOR THE LONGITUDINAL JOINT SHALL BE ONE FOURTH THE SLAB THICKNESS WHEN CRUSHED LESTONE IS USED AS THE COARSE AGGREGATE.

Texas Department of Transportation
Design Division StandardCONCRETE PAVING DETAILS
JOINT SEALS

JS-94

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1	02/01/2011	September 1994	CH	WJ	Revised

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DATE

ISSUED FOR

NO.

Daggett's Diamond D Ranch
Phase 3

REGISTERED PROFESSIONAL ENGINEER
DONALD R. KING
48461
Mar 02, 2016

Construction Details

Fitz & Shipman
INC.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT • BEAUMONT, TEXAS • (409)832-7238 • FAX (409)832-7303
1315 P.E. TRIM # F-01160 • T.A.L.S. TRIM #00108

PROJECT NO: 15142
DRAWING NAME: C300
SCALE: N.T.S.
DRAWN BY: J.L.H.
CHECKED BY: D.R.K.
PLOT DATE: Mar 02, 2016

SHEET **C8.3**

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR LOCATING SPRINKLERS AND UTILITIES PRIOR TO INSTALLATION.
- SIGN SHALL BE INSTALLED ACCORDING TO APPROVED PLAN SHEETS.
- ANY DAMAGE TO EXISTING FENCES, WALLS OR PRIVATE PROPERTY SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING PRE-INSTALLATION AND POST-INSTALLATION INSPECTIONS THROUGH THE CITY'S DESIGNATED INSPECTOR 24 HOURS PRIOR TO INSPECTION DURING NORMAL WORKING HOURS, MONDAY THROUGH FRIDAY.

SCALE: NOT TO SCALE		TITLE:
DATE: 9-22-08		SIGN MATERIAL STANDARDS
FILE NAME: SIGN.MAT STAND.LOCAL.dwg		SIGN LOCATION
SHEET NO. 1		
DRAWN BY: JLD		
CHECKED BY: JB		TRANSPORTATION

GENERAL NOTES

- ALL MATERIALS TO BE NEW AND FREE FROM DEFECTS.
- SIGN LEGENDS SHALL MEET TMUTCD STANDARDS.
- ADVISORY SPEEDS TO BE BASED ON INCLINOMETER TEST AND APPROVED BY THE TRAFFIC OPERATIONS STAFF PRIOR TO INSTALLATION.
- SHEETING GRADE TO CONFORM WITH ASTM D 4956-01.

SCALE: NOT TO SCALE		TITLE:
DATE: 9-22-08		SIGN MATERIAL STANDARDS
FILE NAME: SIGN.MAT STAND.LOCAL.dwg		LOCAL & COLLECTOR STREETS
SHEET NO. 2		
DRAWN BY: JLD		
CHECKED BY: JB		TRANSPORTATION

SPECIAL NOTES:

- ON TWO-WAY STREETS, AT T-INTERSECTIONS ADDRESS ARROWS SHALL POINT DOWN THE TERMINATING BLOCK.

TWO-WAY STREETS AT T-INTERSECTION

SCALE: NOT TO SCALE		TITLE:
SHEET NO. 5		STREET MARKER LOCATION
DRAWN BY: JLD		TWO-WAY STREETS AT T-INTERSECTION
CHECKED BY: JB		
		TRANSPORTATION

GENERAL NOTES

- ALL MATERIALS TO BE NEW AND FREE FROM DEFECTS.
- SIGN LEGENDS SHALL MEET TMUTCD STANDARDS.
- ADVISORY SPEEDS TO BE BASED ON INCLINOMETER TEST AND APPROVED BY THE TRAFFIC OPERATIONS STAFF PRIOR TO INSTALLATION.
- SHEETING GRADE TO CONFORM WITH ASTM D 4956-01.

SCALE: NOT TO SCALE		TITLE:
DATE: 9-22-08		SIGN MATERIAL STANDARDS
FILE NAME: SIGN.MAT STAND.ARTERIAL.dwg		ARTERIAL STREETS
SHEET NO. 2		
DRAWN BY: JLD		
CHECKED BY: JB		TRANSPORTATION

GENERAL NOTES

- ALL MATERIALS TO BE NEW AND FREE FROM DEFECTS.
- SHEETING GRADE TO CONFORM WITH ASTM D 4956-01.

SCALE: NOT TO SCALE		TITLE:
DATE: 9-22-08		SIGN MATERIAL STANDARDS
FILE NAME: SIGN.MAT STAND.ARTERIAL.dwg		ARTERIAL STREETS
SHEET NO. 4		
DRAWN BY: JLD		
CHECKED BY: JB		TRANSPORTATION

SPECIAL NOTES:

- ON TWO-WAY STREETS, ADDRESS ARROWS SHALL POINT TOWARD THE HIGHER BLOCK NUMBER, AND NUMBER TO COINCIDE WITH STREET ADDRESS.

STANDARD TWO-WAY STREETS

SCALE: NOT TO SCALE		TITLE:
SHEET NO. 9		STREET MARKER LOCATION
DRAWN BY: JLD		STANDARD TWO-WAY TRAFFIC
CHECKED BY: JB		
		TRANSPORTATION

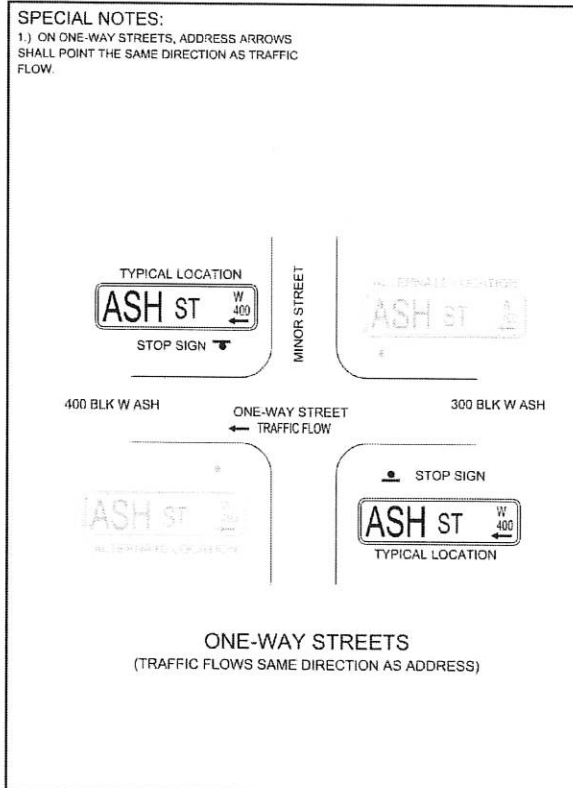
Diamond D Ranch
Phase 3



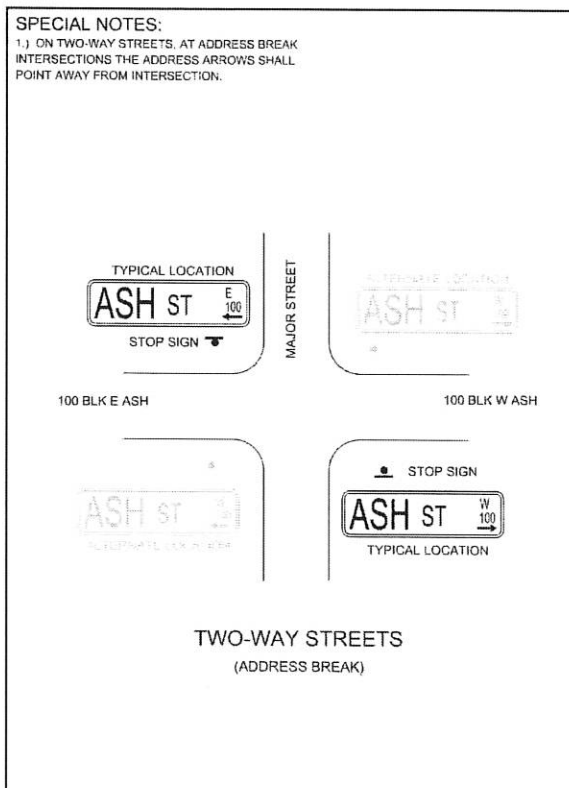
Fittz & Shipman, Inc.
Consulting Engineers and Land Surveyors
1405 COMMERCE COURT • BEAUMONT, TEXAS • (409) 832-7226 • FAX: (409) 832-7303
TELEFAX: (409) 832-7226 • T.A.U.S. FIRM #103186

PROJECT NO: 15142
DRAWING NAME: C500
SCALE: N.T.S.
DRAWN BY: J.L.F.
CHECKED BY: D.R.K.
PLOT DATE: Mar 02, 2016
SHEET **C8.4**

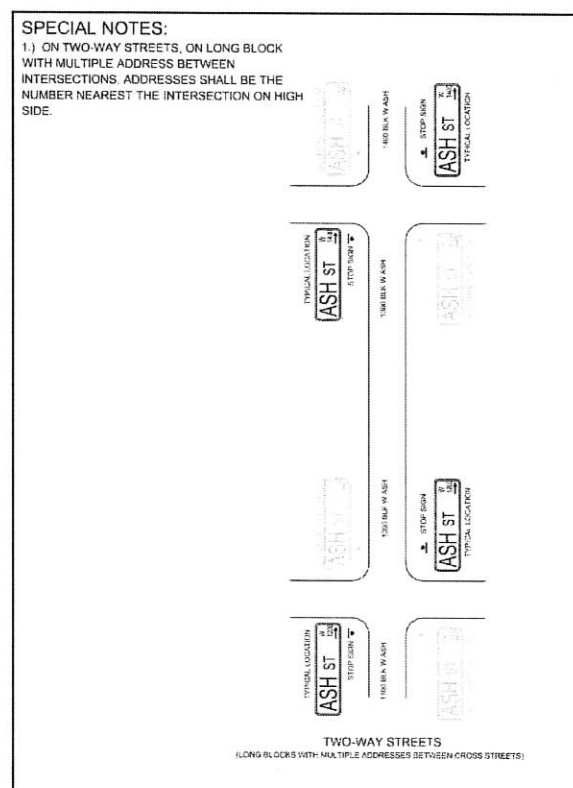
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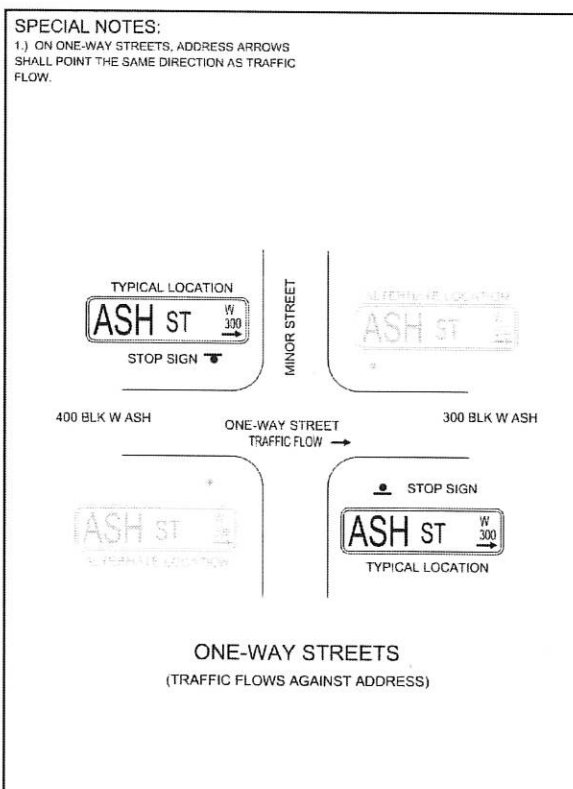
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TITLE: STREET MARKER LOCATION					
TRANSPORTATION					



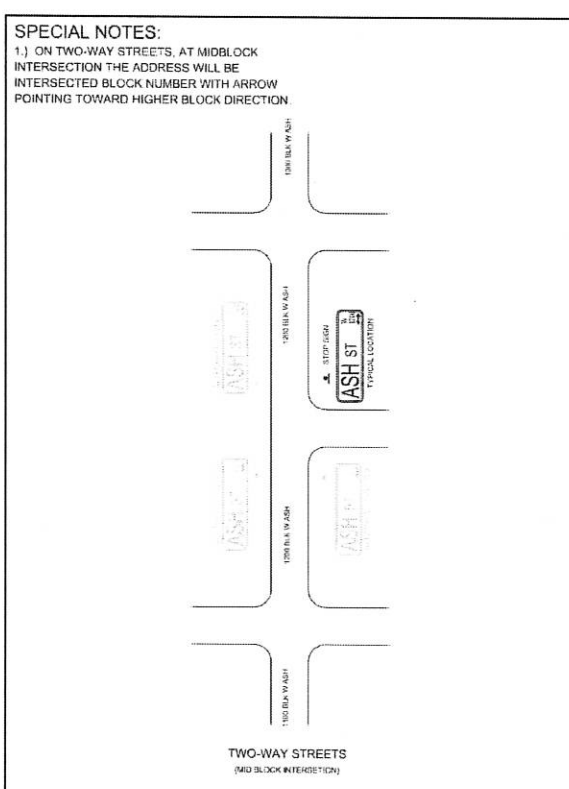
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TITLE: STREET MARKER LOCATION					
TRANSPORTATION					



SCALE: NOT TO SCALE	DATE: 1-8-09	FILE NAME: STREETMARKERLOCATIONS.dwg	SHEET NO. 11	DRAWN BY: JLD	CHECKED BY: JB
TITLE: STREET MARKER LOCATION					
TRANSPORTATION					

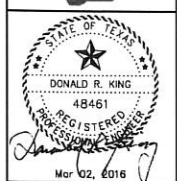


SCALE: NOT TO SCALE	DATE: 1-8-09	FILE NAME: STREETMARKERLOCATIONS.dwg	SHEET NO. 8	DRAWN BY: JLD	CHECKED BY: JB
TITLE: STREET MARKER LOCATION					
TRANSPORTATION					



SCALE: NOT TO SCALE	DATE: 1-8-09	FILE NAME: STREETMARKERLOCATIONS.dwg	SHEET NO. 10	DRAWN BY: JLD	CHECKED BY: JB
TITLE: STREET MARKER LOCATION					
TRANSPORTATION					

Daggett's Diamond D Ranch
Phase 3



Street Markers & Signs
Fittz & Shipman, INC.
Consulting Engineers and Land Surveyors
1405 CORNFESTER COURT • BEAUMONT, TEXAS • (409) 832-7236 • FAX (409) 832-7203
TIRPE, TX • F-01160 • T.A.L.S. FIRM #103186

PROJECT NO: 15142
DRAWING NAME: C300
SCALE: N.T.S.
DRAWN BY: J.L.L.
CHECKED BY: C.R.K.
PLOT DATE: Mar 02, 2016

C8.5

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Permit No. 01-P-16Precinct No. 3 & 4APPLICATION FOR PIPE LINE PERMIT
(2003 REVISION)Date April 29, 2016HONORABLE COMMISSIONERS' COURT
JEFFERSON COUNTY
BEAUMONT, TEXAS 77701

Gentlemen:

Chevron Phillips Chemical Company LP (Company) does hereby made application to use lands belonging to Jefferson County, for the purpose of constructing, maintaining or repairing a pipe line for the distribution of Ethane-Feedstock & a pipeline for LPG-Feedstock, location of which is fully described as follows:
Starting form the Chevron Phillips Company LP Cedar Bayou plant located N. of IH-10 & E. of Sjolander Rd., Harris County, TX. Routing east along the N. side of IH-10 to a point N. of Hampshire, TX where the two lines cross IH-10 and turn SE crossing Hwy. 124 into the Fannett Storage Terminal.
The Ethane-Feedstock line-ID# TXL-0647-18.00" O.D. & the LPG-Feedstock line-ID#TXL-0649-12.750" O.D.
12 pages of drawings attached. (3 each per pipeline per road crossing)
Construction will begin on or after June 13, 2016

It is understood that all work will comply with the requirements of the Pipe Line Policy adopted by Jefferson County Commissioners' Court on July 27, 2011, and all subsequent revisions thereof to date.

Enclosed, please find the required permit fee:

Crossing League Road & Bill Gaulding Road with two pipelines.

<u>4</u> road crossing @ \$100.00	\$ <u>400.00</u>
<u> </u> miles parallel @ \$150.00/mile or fraction	\$ <u> </u>
TOTAL	\$ <u>400.00</u>

We understand that a Performance Bond will be required to protect against damage to Jefferson County's property. This will be \$5,000.00 per crossing and \$50,000.00 per mile or fraction thereof for parallel construction unless a special hazard to Jefferson County's property is judged to exist. No work will begin until the County Engineer has

NOTE: BOND IS \$5,000.00 X 8 CROSSINGS = \$40,000.00
BOND # RS: 022053812
Attached 0220538113
0220538114
022053815
022053816
022053817
022053818
022053819

been furnished such bonds as Jefferson County Commissioners' Court may choose to require.

Permit is issued for a period of twenty-five (25) years, at which time, the permit must be renewed.

Company Chevron Phillips Chemical Company LP

By 

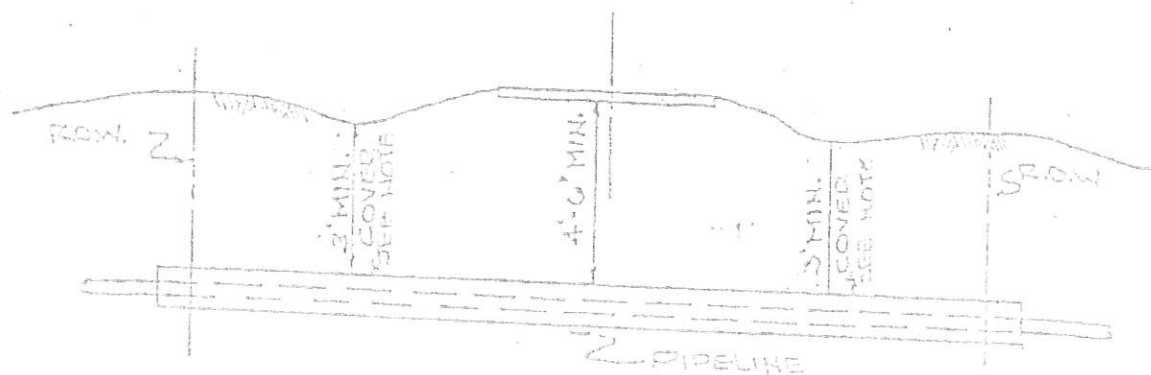
Title PIPELINE OPERATIONS & PROJECT MGR.

Address 10001 Six Pines Drive

The Woodlands, Texas 77380

Phone No. 713/ 838-5498 - Patricia Butler Cell Phone

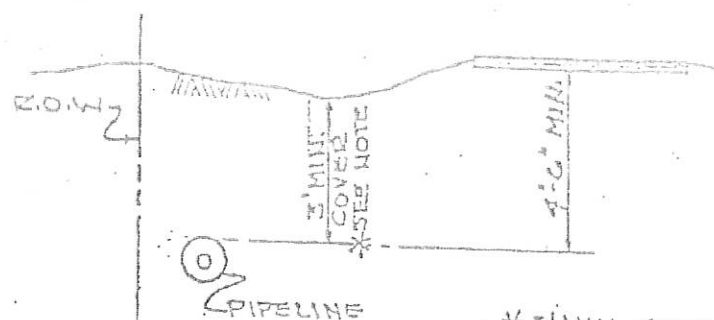
FAX No. 713/ 432 2737



3' MIN. COVER AT
LOWEST DITCH
FLOW LINE ELEV.

NOTE: CASING TO EXTEND
1'-0\"/>

1. STANDARD PIPELINE CROSSING



* 3' MIN. COVER AT
LOWEST DITCH
FLOW LINE ELEV.

2. STANDARD PARALLEL LINE

JEFFERSON COUNTY ENGINEERING DEPARTMENT. PIPELINE DETAILS (STD.)
--

ENGINEERING ACTION FORM

The minimum standard bond required is \$ \$40,000.00 —

Donald M. Bar
Director of Engineering

May 16, 2016
Date

COMMISSIONERS COURT ORDER

On this date the attached application of a utility or common carrier pipeline came on for the Courts consideration, and the Court having considered the application is of the opinion that the applicant is a utility or common carrier pipeline company meeting all the requirements of County Policy for installation of a line in County roads and that the plans or details presented with said application did not appear to violate the County Regulations. It is ORDERED that said applicant shall comply with all provisions of the Pipe Line Policy adopted by this Court, and all subsequent revisions. The bond required shall be \$ 40,000.00 . Special conditions of construction (are/are not) attached hereto.

COMMISSIONERS COURT

By


County Judge

JEFFERSON COUNTY, TEXAS

L. HAMPSHIRE SURVEY, A-511 / W.R. BLAIN SURVEY, A-673

CL BILL GAULDING RD
X: 3460994.10
Y: 13898537.90
LAT: N29°52'57.46"
LONG: W94°17'20.52"

JC-186.00

THE GAULDING FAMILY TRUST

JC-185.00
THE GAULDING FAMILY TRUST

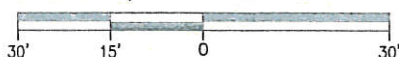
PROPOSED 12"
PIPELINE - TXL-0649

FLOW
S50°46'57.14"E

PROPOSED 18"
PIPELINE - TXL-0647

EXIST. TXL 0011 12" EP MIX P/L

Graphic Scale in Feet



LEGEND

- FOUND MONUMENT
- X FENCE
- EXISTING PIPELINE
- PROPERTY LINE

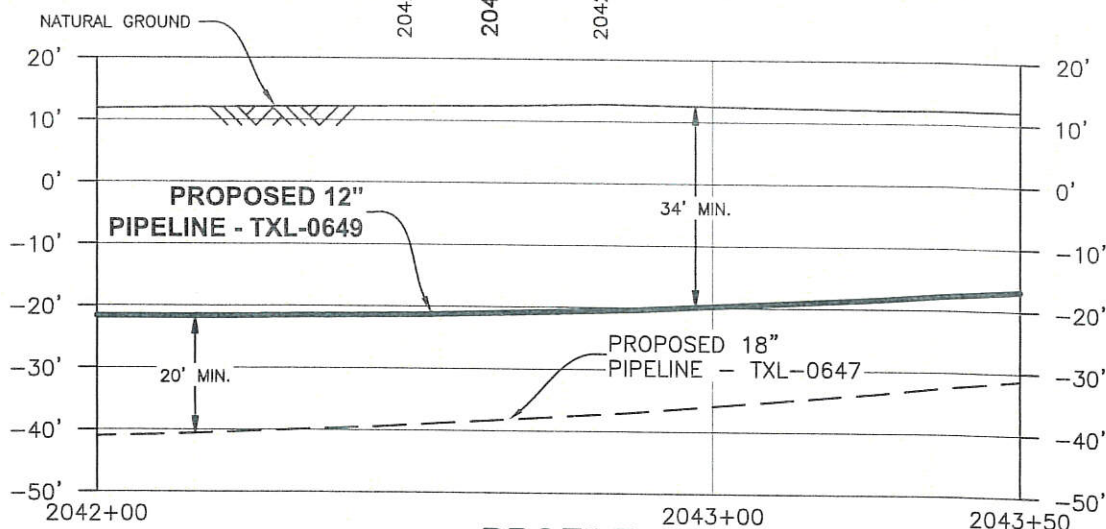
PLAN

SCALE: 1"=30'

2042+51 EDGE OF GRAVEL ROAD

2042+66 CL BILL GAULDING ROAD

2042+83 EDGE OF GRAVEL ROAD





PROFILE

SCALE: 1"=30' HORIZ.
1"=30' VERT.

NOTE:
ALL BEARINGS AND DISTANCES ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 83 (2011) EPOCH 2010, GEOID12A, U.S. SURVEY FEET BASED ON GPS OBSERVATIONS MADE BY AUDUBON FIELD SOLUTIONS. DISTANCES ARE GRID AND MAY BE CONVERTED TO GROUND SURFACE BY MULTIPLYING BY THE TXDOT PUBLISHED COMBINED SCALE FACTOR OF 1.00013.

MTP: 2875 PSIG
MOP: 2160 PSIG
PRODUCT: LPG
CONSTRUCTION METHOD: HDD
PIPE SPECIFICATIONS
12" O.D. x 0.500" W.T., API-5L, X-60 SMLS
W/14-16 MILS FBE & 20-25 MILS ARO COATING

DWG NO. JC-185.00_RD_12	DRAWN BY BB	DATE 03/17/16	SCALE 1"=30'	SHEET SHT 1 OF 2	<div><div>Chevron Pipe Line</div></div>			
PIPELINE I.D. - 12" TXL-0649				PROJECT NO. 015893		<div>CHEVRON PHILLIPS CHEMICAL COMPANY LP PALO 12" CO-LAY WITH 18" INSTALLATION PROJECT JEFFERSON COUNTY ROAD CROSSING PERMIT - BILL GAULDING ROAD</div>		
REV		DESCRIPTION		BY	DATE			APP
C		ISSUED FOR CONSTRUCTION		PLT	05/02/16			JD
B		ISSUED FOR CONSTRUCTION		BB	04/02/16			JD
A		ISSUED FOR CONSTRUCTION		BB	03/17/16			JD

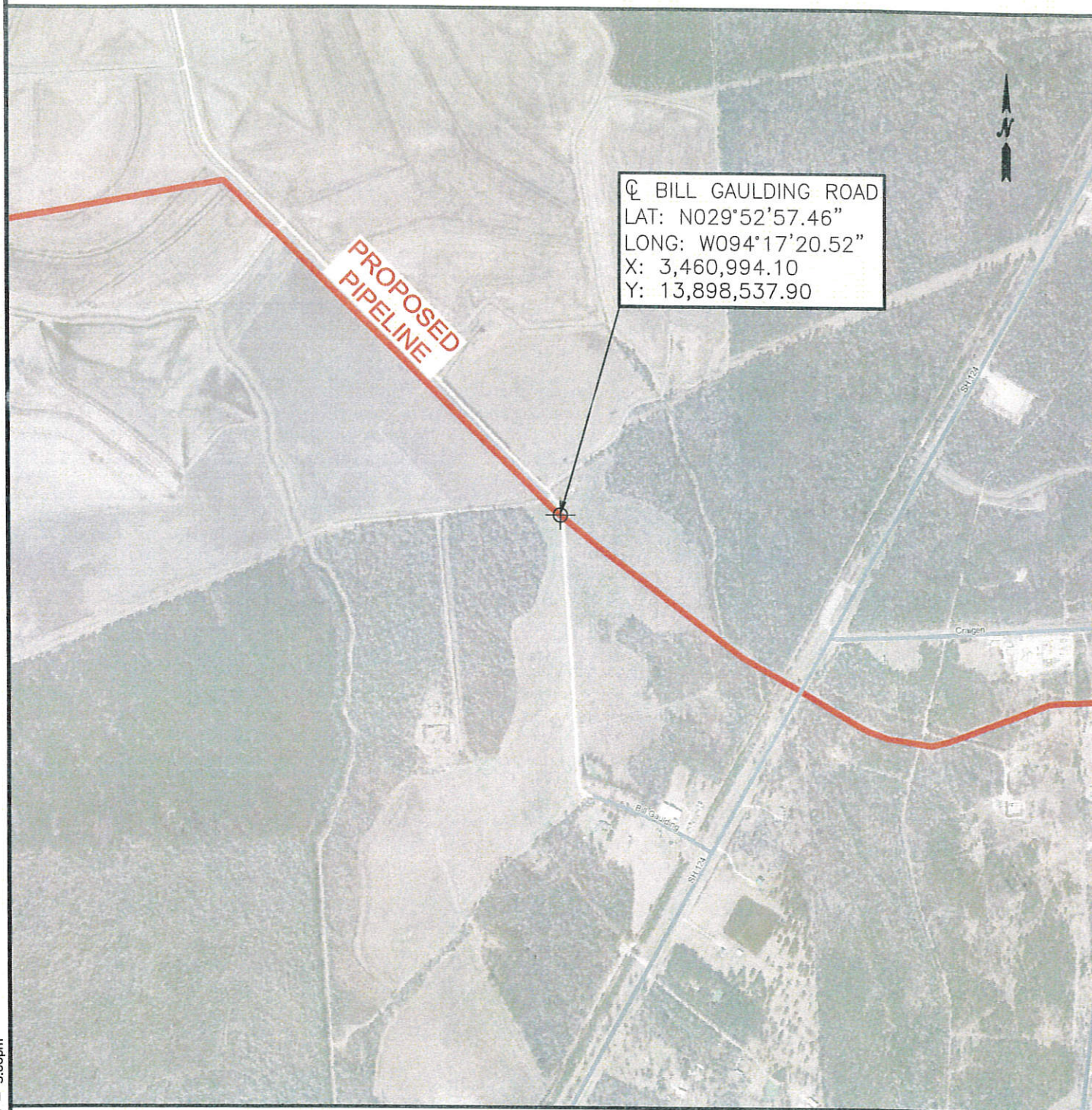


15325 Westchase Road Houston, TX 77042 281.019.0096
TPEPL FIRM NO. 10194005



Contracted to: MIDCO Services, LLC
TPEPL FIRM NO. 10194005

Plotted by: Phobin on: May 02, 2016 2:11pm

JEFFERSON COUNTY, TEXAS



VICINITY MAP

DWG NO. JC_185.00_RD_12_V	DRAWN BY HW	DATE 3/4/16	SCALE 1" = 1000'	SHEET SHT 2 OF 2	<div>Chevron</div> <div>Pipe Line</div>		
<div>audubon Field Solutions <small>15208 Westchase Road Houston, TX 77042 281.651.0280 TBPUS FIRM NO. 101589301</small></div> <div><small>Contracted to: MICO Services, LLC TBPUS FIRM NO. 101940026</small></div>	PIPELINE I.D. - 12" TXL-0649			PROJECT NO. 015893		<div>CHEVRON PHILLIPS CHEMICAL COMPANY LP</div> <div>PALO 12" CO-LAY WITH 18" INSTALLATION PROJECT</div> <div>JEFFERSON COUNTY CROSSING PERMIT - BILL GAULDING ROAD</div>	
	REV	DESCRIPTION		BY	DATE		APP
	A	ISSUED FOR CONSTRUCTION		HW	3/18/16		JD

audubon
Field Solutions
15001 Westheimer Road, Houston, TX 77062 | 281.663.0380
TSP-16 FIRM NO. 1015291
Contracted to: MIDCO Services, LLC
TBPLS FIRM NO. 10194056

JEFFERSON COUNTY, TEXAS

L. HAMPSHIRE SURVEY, A-511 / W.R. BLAIN SURVEY, A-673

CL BILL GAULDING RD
X: 3460994.88
Y: 13898533.06
LAT: N29°52'57.41"
LONG: W94°17'20.51"

JC-186.00

THE GAULDING FAMILY TRUST

JC-185.00
THE GAULDING FAMILY TRUST

PROPOSED 12"
PIPELINE - TXL-0649

PROPOSED 18"
PIPELINE - TXL-0647

EXIST. TXL 0011 12" EP MIX P/L

S50°46'56.12"E
FLOW

Graphic Scale in Feet



PLAN

SCALE: 1"=30'

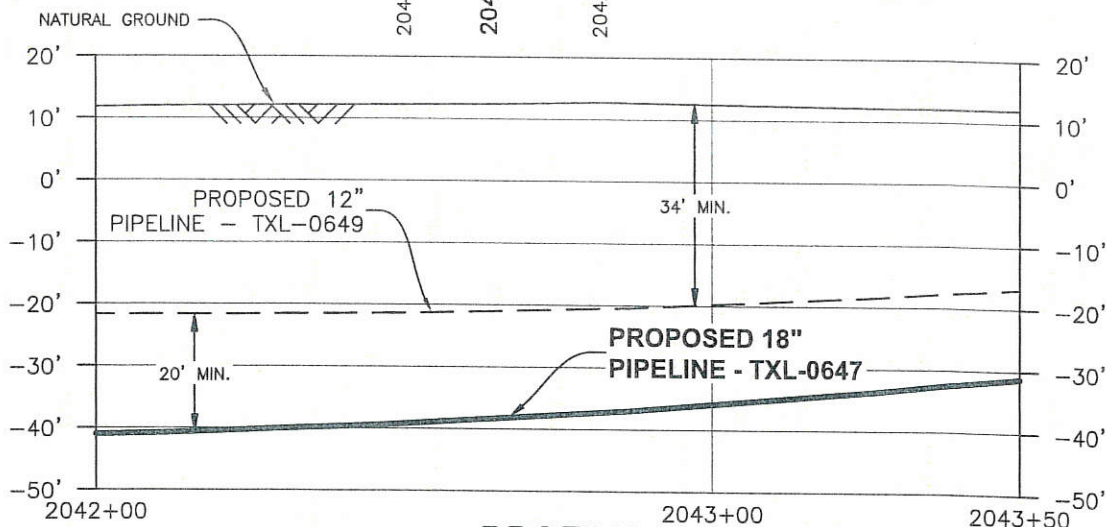
LEGEND

- FOUND MONUMENT
- X FENCE
- EXISTING PIPELINE
- PROPERTY LINE

2042+51 EDGE OF GRAVEL ROAD

2042+66 CL BILL GAULDING ROAD

2042+83 EDGE OF GRAVEL ROAD



PROFILE

SCALE: 1"=30' HORIZ.
1"=30' VERT.

NOTE:
ALL BEARINGS AND DISTANCES ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 83 (2011) EPOCH 2010, GEOID12A, U.S. SURVEY FEET BASED ON GPS OBSERVATIONS MADE BY AUDUBON FIELD SOLUTIONS. DISTANCES ARE GRID AND MAY BE CONVERTED TO GROUND SURFACE BY MULTIPLYING BY THE TXDOT PUBLISHED COMBINED SCALE FACTOR OF 1.00013.

MTP: 2875 PSIG
MOP: 2160 PSIG
PRODUCT: FEEDSTOCK
CONSTRUCTION METHOD: HDD
PIPE SPECIFICATIONS
18" O.D. x 0.500" W.T., API-5L, X-60 SMLS
W/14-16 MILS FBE & 20-25 MILS ARO COATING

DWG NO. JC-185.00_RD_18	DRAWN BY BB	DATE 03/17/16	SCALE 1"=30'	SHEET SHT 1 OF 2
PIPELINE I.D. - 18" TXL-0647				
PROJECT NO. 015893				
REV	DESCRIPTION	BY	DATE	APP
C	ISSUED FOR CONSTRUCTION	PLT	05/02/16	JD
B	ISSUED FOR CONSTRUCTION	BB	04/02/16	JD
A	ISSUED FOR CONSTRUCTION	BB	03/17/16	JD



Chevron

Pipe Line

CHEVRON PHILLIPS CHEMICAL COMPANY LP
PALO 18" CO-LAY WITH 12" INSTALLATION PROJECT
JEFFERSON COUNTY ROAD CROSSING PERMIT - BILL GAULDING ROAD

Plotted by: Probin on: May 02, 2016 - 2:22pm

File Path S:\AFS\Survey\Projects\Chevron Pipeline\015893_PALO Survey and Mapping_Ryan Reed\2_Prelim\4_Mapping\Permits\ROAD PERMITS\JEFFERSON COUNTY ROADS\JC-185.

Search

Directions History

IH-10, IxDot - ...

ou/Canal

ial

A-TBCD-VIII.M....

-TBCD-VIII.E.1...

FM-124-TX.DOT

-Netter. Lane - ...

D- III J. -134

0.kmz

76A

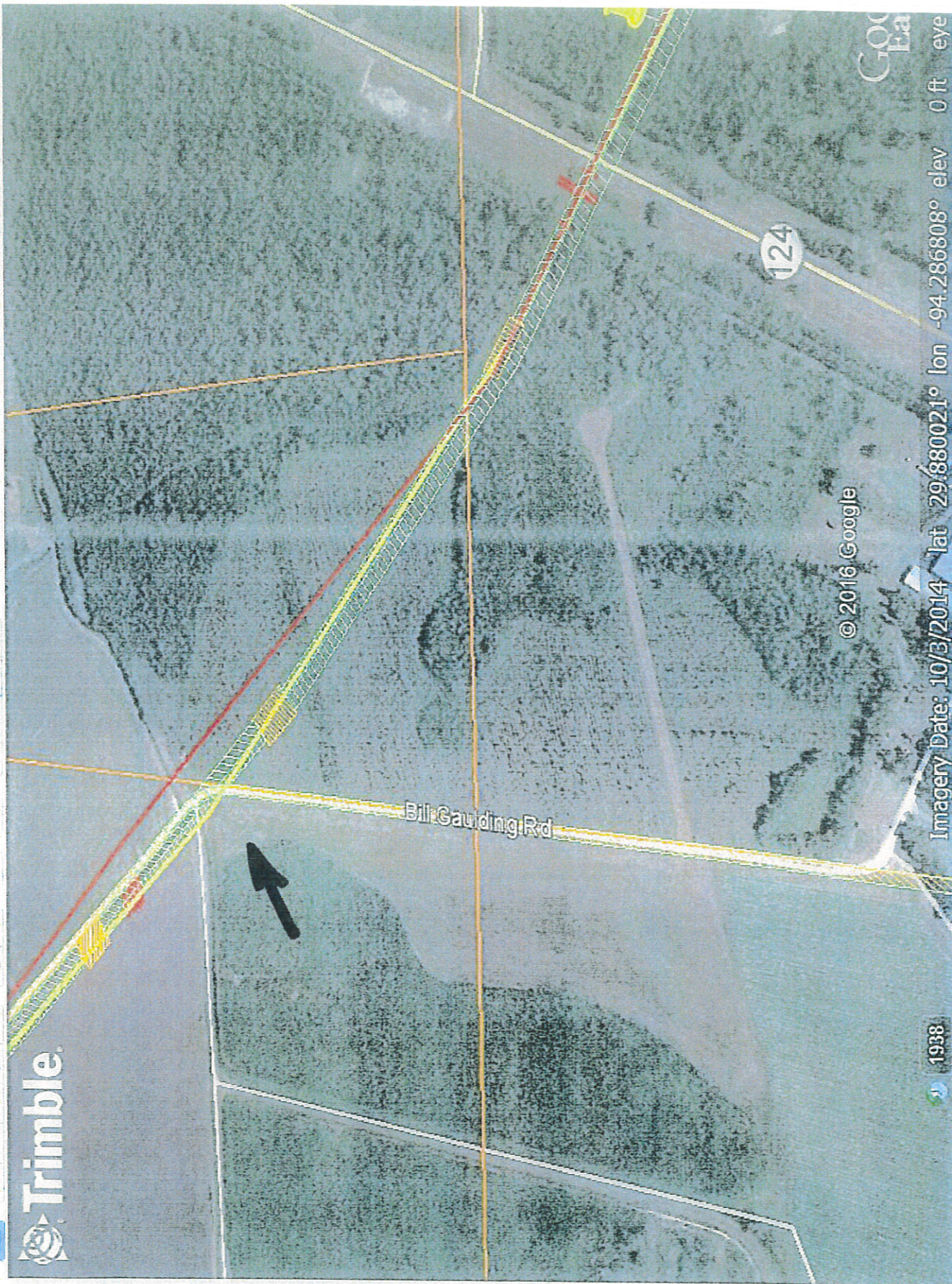
Earth Gallery >>

Database

s and Labels

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Awareness



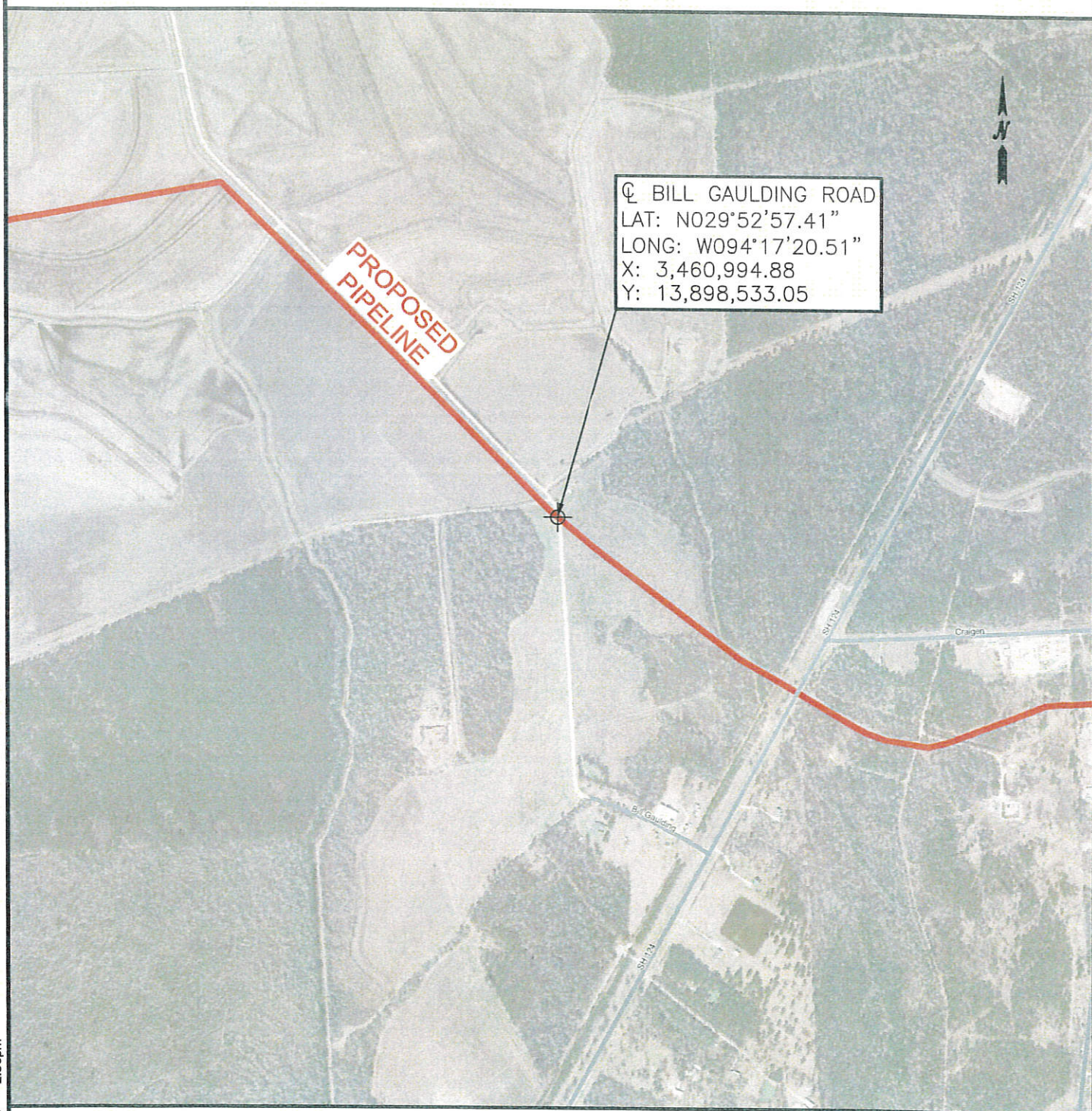
© 2016 Google

1938



Imagery Date: 10/3/2014 lat 29.880021° lon -94.286808° elev 0 ft eye



JEFFERSON COUNTY, TEXAS



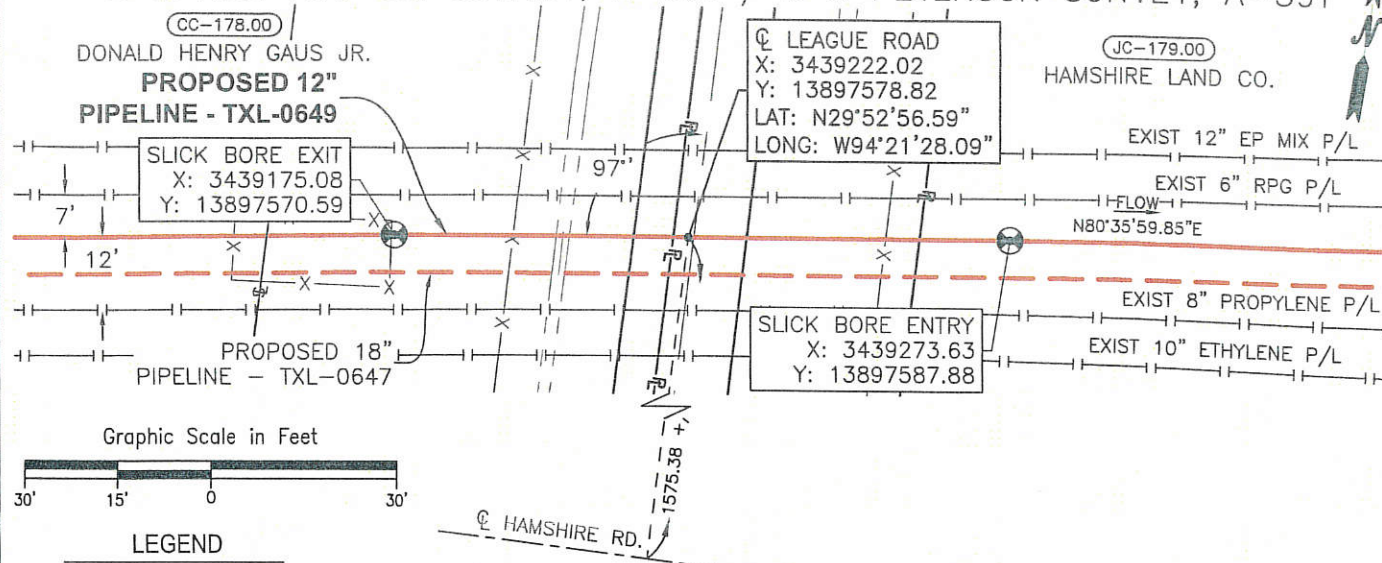
VICINITY MAP

DWG NO. JC_185.00_RD_18_V		DRAWN BY HW		DATE 3/4/16	SCALE 1" = 1000'	SHEET SHT 2 OF 2		<div>Chevron Pipe Line</div>		
<div> audubon Field Solutions <small>16105 Warehouse Road Houston, TX 77042 281.810.2510 77052 FARMWAY, TX 77061</small> Contracted by: MIDCO Services, LLC TEPLS FIRM NO. 10194006</div>		PIPELINE I.D. - 18" TXL-0647				PROJECT NO. 015893		CHEVRON PHILLIPS CHEMICAL COMPANY LP PALO 18" CO-LAY WITH 12" INSTALLATION PROJECT JEFFERSON COUNTY CROSSING PERMIT - BILL GAULDING ROAD		
		REV	DESCRIPTION			BY	DATE			APP
		A	ISSUED FOR CONSTRUCTION			HW	3/18/16			JD

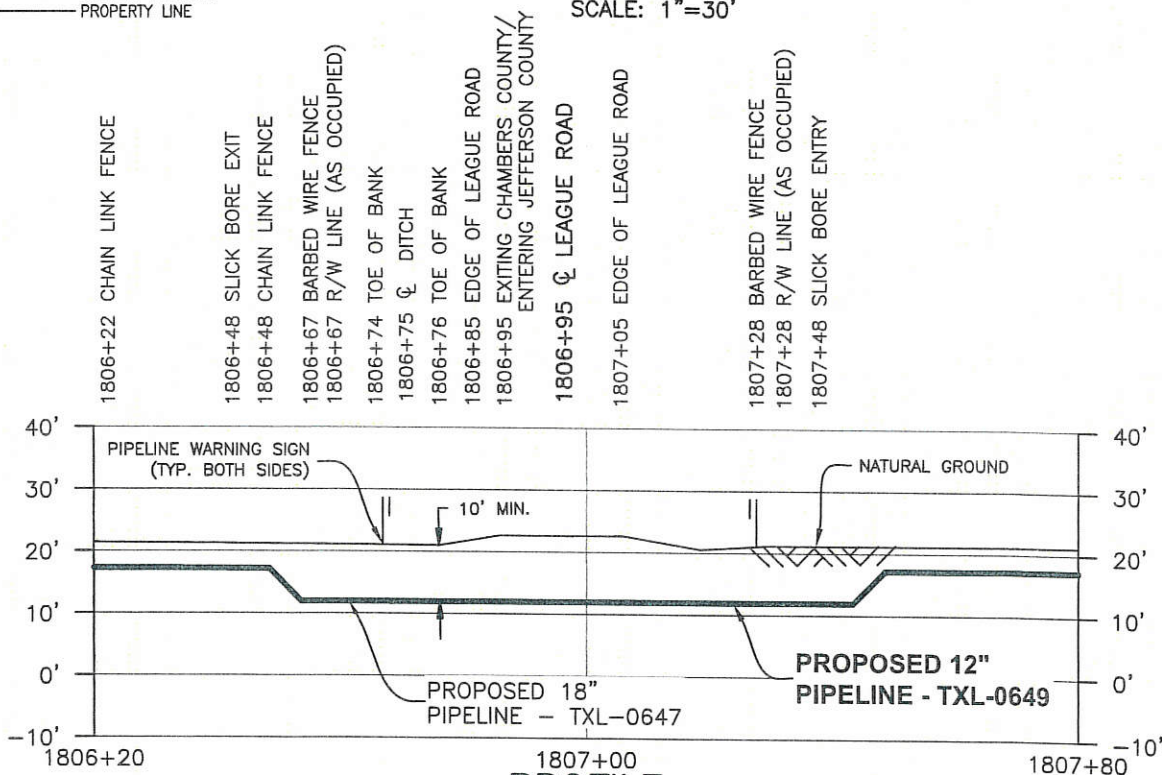
Plotted by: brbakker on: Mar 18, 2016 - 2:56pm

CHAMBERS COUNTY / JEFFERSON COUNTY, TEXAS

T. & N.O. R.R. CO. SURVEY, A-501 / C J. PETERSON SURVEY, A-591



PLAN
SCALE: 1"=30'



PROFILE
SCALE: 1"=30' HORIZ.
1"=30' VERT.

NOTE:
ALL BEARINGS AND DISTANCES ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 83 (2011) EPOCH 2010, GEOID12A, U.S. SURVEY FEET BASED ON GPS OBSERVATIONS MADE BY AUDUBON FIELD SOLUTIONS. DISTANCES ARE GRID AND MAY BE CONVERTED TO GROUND SURFACE BY MULTIPLYING BY THE TXDOT PUBLISHED COMBINED SCALE FACTOR OF 1.00013.

MTP: 2875 PSIG
MOP: 2160 PSIG
PRODUCT: LPG
CONSTRUCTION METHOD: BORE
PIPE SPECIFICATIONS
12" O.D. x 0.500" W.T., API-5L, X-60 SMLS
W/14-16 MILS FBE & 20-25 MILS ARO COATING

DWG NO. JC-178.10_RD_12	DRAWN BY HW	DATE 03/15/16	SCALE 1"=30'	SHEET SHT 1 OF 2
PIPELINE I.D. - 12" TXL-0649				
PROJECT NO. 015893				
REV	DESCRIPTION	BY	DATE	APP
C	ISSUED FOR CONSTRUCTION	PLT	05/02/16	JD
B	ISSUED FOR CONSTRUCTION	BB	04/02/16	JD
A	ISSUED FOR CONSTRUCTION	PLT	03/15/16	JD



CHEVRON PHILLIPS CHEMICAL COMPANY LP
PALO 12" CO-LAY WITH 18" INSTALLATION PROJECT
JEFFERSON COUNTY ROAD CROSSING PERMIT - LEAGUE ROAD

Plotted by: Plobin on: May 02, 2016 3:09pm

League Rd

League Rd

Hamshire

Hamshire

League Rd

League Rd

Brush Island Rd

Hamshire

10

East Fwy

Imagery Date: 10/3/2014 lat 29.877490° lon -94.348283° elev 0 ft eye

© 2016 Google



Layers
r_Lines.shp
ny_Lines
ay_N2
[seeing Tour](#)
sure 3D Buildings

Earth Gallery >>

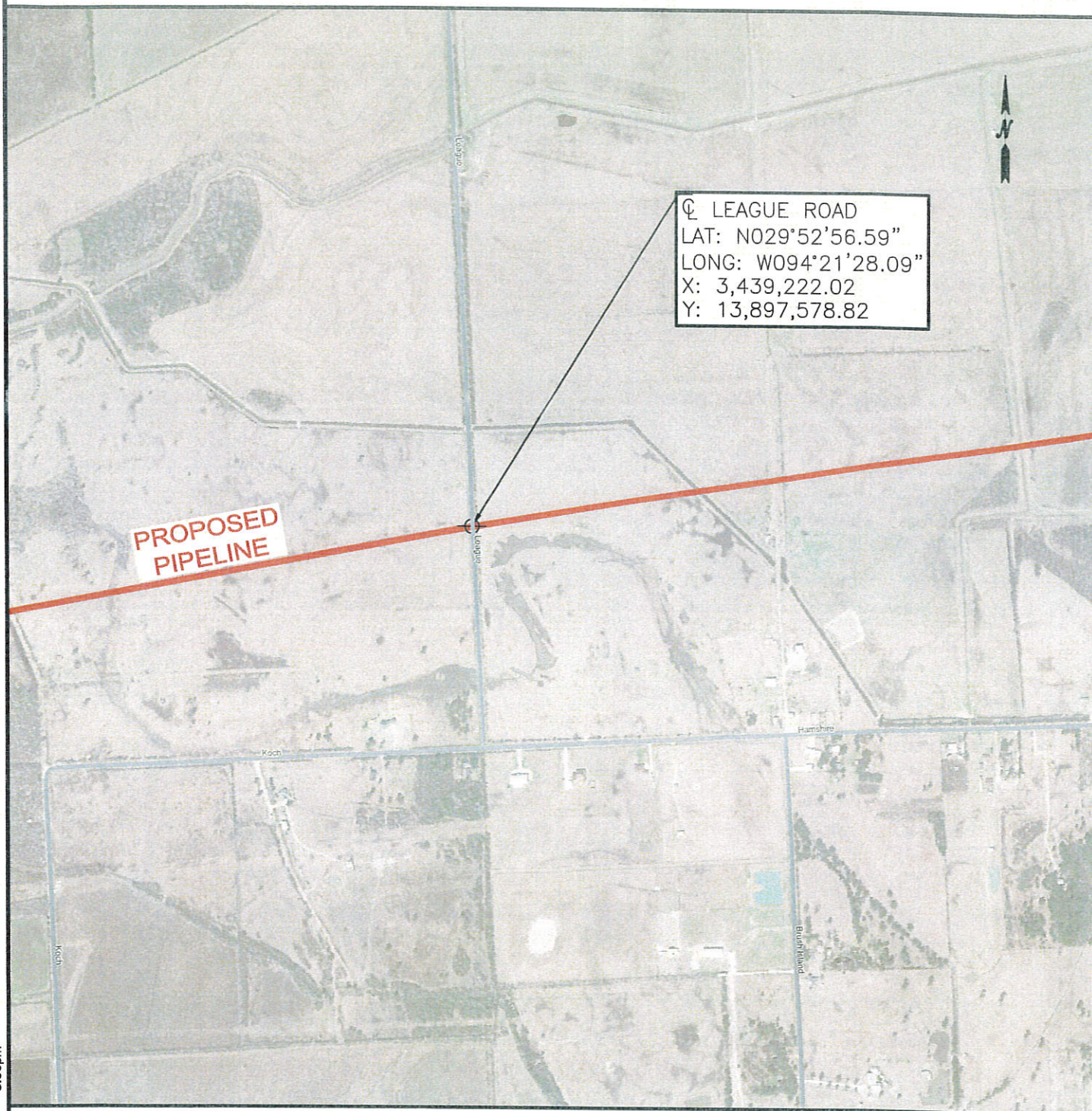
Database

s and Labels


dinas



JEFFERSON COUNTY, TEXAS



VICINITY MAP

DWG NO. JC-178.10_RD_12_V	DRAWN BY HW	DATE 3/4/16	SCALE 1" = 1000'	SHEET SHT 2 OF 2		
 audubon Field Solutions 10201 Riverchase Road Houston, TX 77062 (281) 565-0290 TSP/LS FIRM NO. 10163997 Contracted to: MIDCO Services, LLC TSP/LS FIRM NO. 10194266	PIPELINE I.D. - 12" TXL-0649			PROJECT NO. 015893		
	REV	DESCRIPTION		BY	DATE	APP
	A	ISSUED FOR CONSTRUCTION		HW	3/18/16	JD



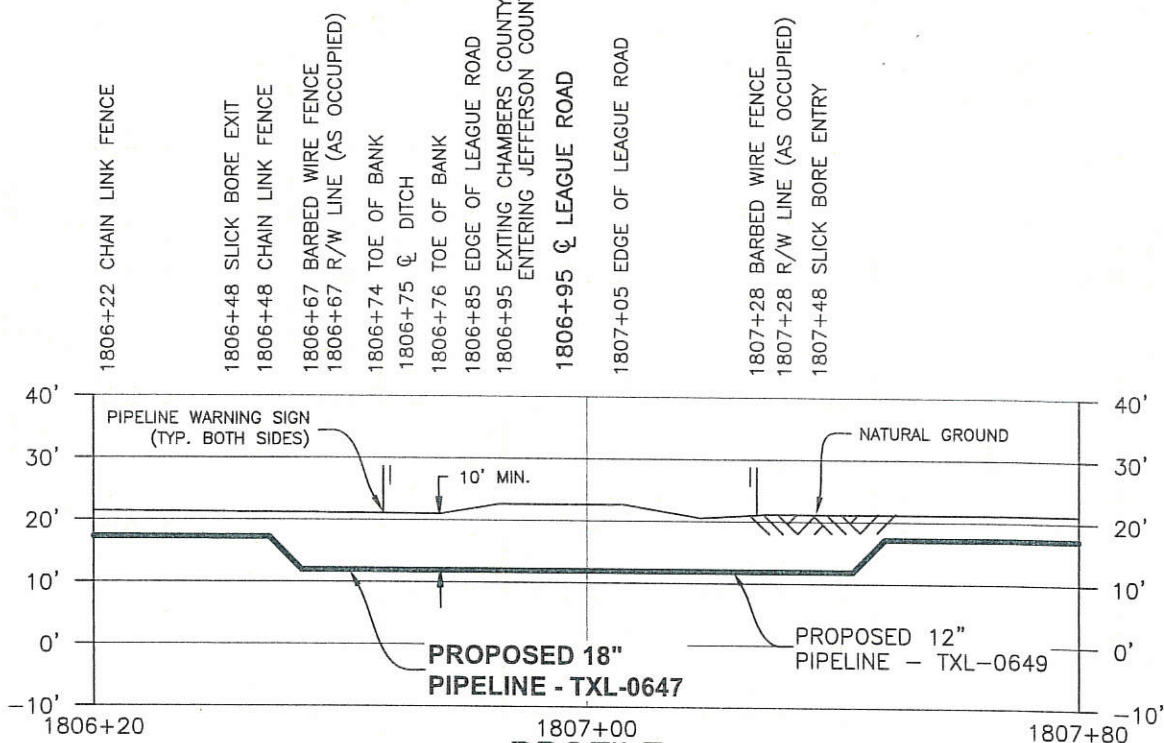
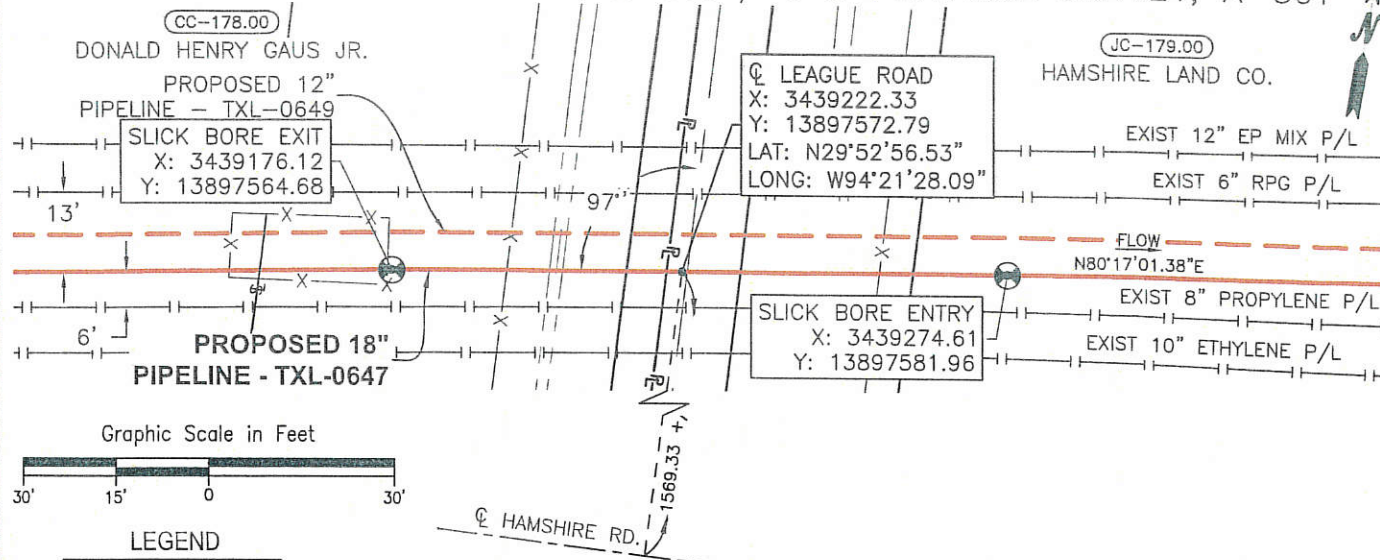
CHEVRON PHILLIPS CHEMICAL COMPANY LP
PALO 12" CO-LAY WITH 18" INSTALLATION PROJECT
JEFFERSON COUNTY ROAD CROSSING PERMIT - LEAGUE ROAD

Plotted by: hwhite on: Mar 18, 2016 - 3:05pm

File Path \\audubon-engineering.com\shared\AFS\Survey\Projects\Chevron Pipeline\015893_PALO Survey and Mapping_Ryan Reed\2_Prelim\4_Mapping\Permits\ROAD PERMITS\JEF



CHAMBERS COUNTY / JEFFERSON COUNTY, TEXAS

T. & N.O. R.R. CO. SURVEY, A-501 / C J. PETERSON SURVEY, A-591



NOTE:
ALL BEARINGS AND DISTANCES ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 83 (2011) EPOCH 2010, GEOID12A, U.S. SURVEY FEET BASED ON GPS OBSERVATIONS MADE BY AUDUBON FIELD SOLUTIONS. DISTANCES ARE GRID AND MAY BE CONVERTED TO GROUND SURFACE BY MULTIPLYING BY THE TXDOT PUBLISHED COMBINED SCALE FACTOR OF 1.00013.

MTP: 2875 PSIG
MOP: 2160 PSIG
PRODUCT: LPG
CONSTRUCTION METHOD: BORE
PIPE SPECIFICATIONS
18" O.D. x 0.500" W.T., API-5L, X-60 SMLS
W/14-16 MILS FBE & 20-25 MILS ARO COATING

DWG NO. JC-178.10_RD_18	DRAWN BY HW	DATE 03/15/16	SCALE 1"=30'	SHEET SHT 1 OF 2	<div>Chevron Pipe Line</div>	
PIPELINE I.D. - 18" TXL-0647				PROJECT NO. 015893		
<div>audubon Field Solutions <small>10205 Westchase Road Houston, TX 77042 281 963 2500 T800-2-PRIMA-100 12122207</small> <small>Contracted to: MIDCO Services, LLC T8PLS FPM NO. 10194006</small></div>	REV	DESCRIPTION	BY	DATE	APP	CHEVRON PHILLIPS CHEMICAL COMPANY LP PALO 18" CO-LAY WITH 12" INSTALLATION PROJECT JEFFERSON COUNTY ROAD CROSSING PERMIT - LEAGUE ROAD
	C	ISSUED FOR CONSTRUCTION	PLT	05/02/16	JD	
	B	ISSUED FOR CONSTRUCTION	BB	04/02/16	JD	
	A	ISSUED FOR CONSTRUCTION	PLT	03/15/16	JD	

audubon
Field Solutions
10000 Audubon Road Houston, TX 77042 281-563-2246
TSP/LP PERM NO. 0102997
Copyrighted to: MICO Services, LLC
TSP/LP PERM NO. 10154006

shire, TX Search

nia Ave, 20500

Directions History

Rd

Trimble

League Rd

Hamshire Hamshire

League Rd

Brush Island Rd

10

East Fwy

© 2016 Google

1938

Imagery Date: 10/3/2014 lat 29.877490° lon -94.348283° elev 0 ft eye




JEFFERSON COUNTY, TEXAS

LEAGUE ROAD
 LAT: N029°52'56.53"
 LONG: W094°21'28.09"
 X: 3,439,222.32
 Y: 13,897,572.78

**PROPOSED
PIPELINE**

VICINITY MAP

DWG NO. JC-178.10_RD_18_V	DRAWN BY HW	DATE 3/4/16	SCALE 1" = 1000'	SHEET SHT 2 OF 2	
 audubon Field Solutions <small>15325 Westchester Road, Houston, TX 77042 281-553-1330 TBPCL FIRM NO. 10194006</small> Contracted to: MIGCO Services, LLC TBPCL FIRM NO. 10194006	PIPELINE I.D. - 18" TXL-0647			PROJECT NO. 015893	
	REV	DESCRIPTION	BY	DATE	APP
	A	ISSUED FOR CONSTRUCTION	HW	3/18/16	JD



CHEVRON PHILLIPS CHEMICAL COMPANY LP
 PALO 18" CO-LAY WITH 12" INSTALLATION PROJECT
 JEFFERSON COUNTY ROAD CROSSING PERMIT - LEAGUE ROAD

Plotted by: hwhite on: Mar 18, 2016 - 3:01pm

File Path \\audubon-engineering.com\shared\AFS\Survey\Projects\Chevron Pipeline\015893_PALO Survey and Mapping_Ryan Reed\2_Prelim\4_Mapping\Permits\ROAD PERMITS\JEF

PIPELINE RIGHT OF WAY BOND

Bond No. 022053812

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

☐ Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

☒ Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

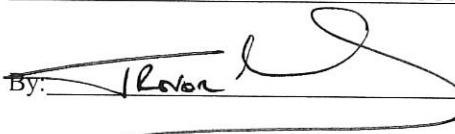
PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By:  (SEAL.)

LIBERTY MUTUAL INSURANCE COMPANY

By:  (SEAL)
Joyce A. Johnson, Attorney-in-Fact

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7194846

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feighl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 20 16.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit,
currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call
1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 0220538113

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

[] Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

[X] Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By: [Signature] (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By: [Signature] (SEAL)
Joyce A. Johnson Attorney-in-Fact

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7194865

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feigl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 0220538114

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

☐ Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

☒ Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By: J. Raval (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By: Joyce A. Johnson (SEAL)
Joyce A. Johnson, Attorney-in-Fact

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

Certificate No. 7194857

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feighl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

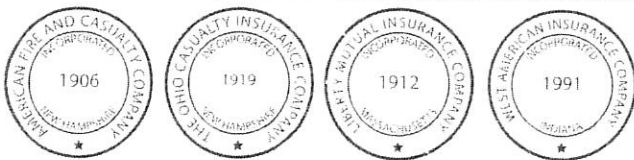
ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 022053815

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

[] Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

[X] Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By:  (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By:  (SEAL)

Joyce A. Johnson,

Attorney-in-Fact

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

Th's Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

Certificate No. 7194861

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feighl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 022053816

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

[] Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

[X] Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

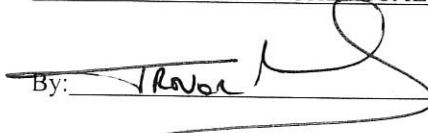
PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

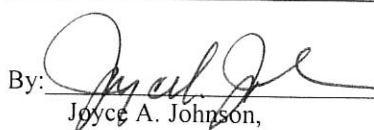
PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By:  (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By:  (SEAL)
Joyce A. Johnson, Attorney-in-Fact

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

Certificate No. 7194849

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feighl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 022053817

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

☐ Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

☒ Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By: T. R. R. R. (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By: Joyce A. Johnson (SEAL)
Joyce A. Johnson, Attorney-in-Fact

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

87

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

Certificate No. 7194852

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feighl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 022053818

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Obligee, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Obligee a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

☐ Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

☒ Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Obligee or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Obligee or its duly authorized agent, and shall hold said Obligee harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Obligee arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Obligee.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By: [Signature] (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By: [Signature] (SEAL)
Joyce A. Johnson, Attorney-in-Fact

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

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American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

Certificate No. 7194870

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feigl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

PIPELINE RIGHT OF WAY BOND

Bond No. 022053819

KNOW ALL MEN BY THESE PRESENTS:

That we, Chevron Phillips Chemical Company LP, as Principal, and Liberty Mutual Insurance Company, a corporation organized under the laws of the State of Massachusetts with its principal office in Boston, MA, as Surety, are held and firmly bound unto the Jefferson County Commissioners' Court, as Oblige, in the full penal sum of Five Thousand and No/100 Dollars (\$5,000.00), lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounden Principal has obtained or is about to obtain from the said Oblige a Right-of-Way Permit, and the term of said permit is as indicated opposite the block checked below:

[] Beginning the _____ day of _____ 20____, and ending
the ____ day of _____ 20____.

[X] Continuous, beginning the 28th day of March, 2016.

WHEREAS, the Principal is required by law to file with the Jefferson County Commissioners' Court, a bond for the above indicated term and conditioned as hereinafter set forth.

NOW, THEREFORE, it is mutually agreed by and between the principal and surety that the above obligation shall cover all permits that specifically refer to the above obligation.

NOW, THE CONDITION OF THIS OBLIGATION IS SUCH, That if the above bounden Principal as such permittee shall do the work authorized as described and specified to the satisfaction of said Oblige or its duly authorized agent, and upon the completion of said work clean up and restore the right-of-way to original condition where such work shall have been done to the satisfaction of the said Oblige or its duly authorized agent, and shall hold said Oblige harmless on account of all claims for damages that may occur to persons or property including damages to property belonging to said Oblige arising out of the prosecution of such work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, that if this bond is for a fixed term, it may be continued by Certificate executed by the Surety hereon; and

PROVIDED FURTHER, that regardless of the number of years this bond shall continue or be continued in force and of the number of premiums that shall be payable or paid, the Surety shall not be liable hereunder for a larger amount, in the aggregate, than the amount of this bond, and

PROVIDED FURTHER, that if the Surety shall so elect, this bond may be canceled by the Surety as to subsequent liability by giving thirty (30) days notice in writing to said Oblige.

Signed, sealed and dated this 28th day of March, 2016.

CHEVRON PHILLIPS CHEMICAL COMPANY LP

By:  (SEAL)

LIBERTY MUTUAL INSURANCE COMPANY

By:  (SEAL)

Joyce A. Johnson,

Attorney-in-Fact

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

Certificate No. 7194875

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Eric S. Feighl; Janie Cermeno; Jessica Richmond; Joyce A. Johnson; Philip N. Bair

all of the city of Houston, state of TX each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of December, 2015.



STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of December, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notary Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 28th day of March, 2016.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Special, May 16, 2016

There being no further business to come before the Court at this time,
same is now here adjourned on this date, May 16, 2016