



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

Richard W. Stolleis, P.E.
County Engineer

June 27, 2016

COUNTY JUDGE
RECEIVED

JUN 29 2016

Judge Robert E. Hebert
Fort Bend County Judge
301 Jackson Street, Suite 719
Richmond, Texas 77406-0148

Re: Public Road Connection at Carnock Avenue to FM1464 within Aliana Development on behalf of Aliana Development Company - Sponsorship (Aliana Sec. 59)

Honorable Judge Hebert:

Fort Bend County Engineering Department has received and reviewed a request (letters attached) from LJA Engineering, Inc. for Fort Bend County to sponsor a project for a public road connection at Carnock Avenue to FM1464 within Aliana Development. The paving connections will improve traffic flow along FM1464.

Any and all cost involved with the project will be borne by Aliana Development. There will be no cost to Fort Bend County.

Any TxDot requirement for a traffic signal will be at the Developers or MUD's expense.

The Texas Department of Transportation request that an agency, such as Fort Bend County, act as a sponsor for the project. This means that the permit for the work will be issued in the name of Fort Bend County and the County accepts responsibility for the terms and conditions of the permit.

We recommend acceptance of the sponsorship and request that this item be placed on the 7/5/2016 Commissioner's Court agenda. We have prepared a letter to Texas Department of Transportation, for the County Judges' signature.

If there are any questions please do not hesitate to call.

Sincerely,

Maggie Dalton
Development Coordinator

Attachment: Scope of Work

cc: Mr. Roy Cordes, Jr. FBC Attorney
Commissioner James Patterson, Pct. 4
File

301 Jackson St., Suite 401, Richmond, TX 77469
Phone 281-633-7500



COUNTY JUDGE
Fort Bend County, Texas

Robert E. Hebert
County Judge

July 5, 2016

(281) 341-8608
Fax (281) 341-8609

Mr. Quincy Allen, P.E.
District Engineer, Houston District
Texas Department of Transportation
P.O. Box 1386
Houston, TX 77251-1386

Subject: Public Road Connection: Carnock Avenue to FM 1464
Within Aliana Development on behalf of Aliana Development Company
Sponsorship, Aliana Sec. 59

Dear Mr. Allen:

Fort Bend County has received and reviewed a request from LJA Engineering, Inc. for Fort Bend County to sponsor a Texas Department of Transportation project on behalf of Aliana Development Company for a public road connection at Carnock Avenue to FM1464 within the Aliana Development, at no cost to the County.

The request was approved by Fort Bend County Commissioners Court at our meeting held on July 5, 2016. We request that a permit for the public road connection be issued with Fort Bend County as sponsor for this project.

Any requirement by Texas Department of Transportation for a traffic signal will be at the expense of the developers or the municipal utility district.

If there are any questions or need for additional information, please call Maggie Dalton in our Engineering Department at 281-633-7515.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert E. Hebert", with a long, sweeping flourish extending to the right.

Robert E. Hebert
Fort Bend County Judge

Enclosures: Resolution
Drawing

Copy: Mr. Jacob Minter, P.E., LJA Engineering, Inc.
File

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

**RESOLUTION TO SPONSOR A PROJECT FOR A
PUBLIC ROAD CONNECTION AT CARNOCK AVENUE TO FM1464
WITHIN ALIANA DEVELOPMENT
ON BEHALF OF ALIANA DEVELOPMENT COMPANY**

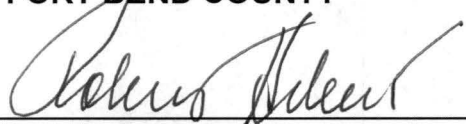
On this 5 day of July, 2016, the Commissioners Court, sitting as the governing body of Fort Bend County, Texas, at a regular meeting, upon motion of Commissioner Meyers, seconded by Commissioner Patterson, duly put and carried;

WHEREAS, the proposed sponsorship project includes the installation of a public road connection at Carnock Avenue to FM1464 within the Aliana Development.

WHEREAS, the funding for such sponsorship of the project is to be provided through sources other than Fort Bend County.

NOW, THEREFORE, BE IT RESOLVED that Fort Bend County expresses its support and sponsorship of such project with the Texas Department of Transportation to cause such improvements to be made at Carnock Avenue to FM 1464 within Aliana Development.

FORT BEND COUNTY

By: 
Robert E. Hebert, County Judge

ATTEST:



Laura Richard, County Clerk



2929 Briarpark Drive
Suite 600
Houston, Texas 77042
TBPE № F-1386

Phone 713.953.5200
Fax 713.953.5026
www.ljaengineering.com
TBPLS № 10110501



June 27, 2016

The Honorable Robert E. Hebert
Fort Bend County Judge
301 Jackson St., Suite 719
Richmond, TX 77469

Re: Sponsorship Letter for Proposed Street Tie-In at
Carnock Avenue and F.M. 1464 to
Serve Aliana Section 59
Fort Bend County Municipal Utility District No. 134B
LJA Job No. 1968-4059 (6.0)

Dear Judge Hebert:

As required by the Texas Department of Transportation (TxDOT), we are in the process of preparing the permit application package to submit to TxDOT for the proposed street tie-in of Carnock Avenue to F.M. 1464. Carnock Avenue will consist of a two lane roadway with a curb and gutter drainage system at the tie-in and will be constructed in accordance with Fort Bend County design standards and requirements at no expense to the County. Aliana Development Company, the developer for the project, will finance the cost of the construction. Please find enclosed drawings that illustrate that the tie-in generally conforms to TxDOT street tie-in permit requirements.

As part of the requirements of TxDOT, a sponsorship letter from Fort Bend County is necessary in order to submit a complete package to TxDOT. Any TxDOT requirements for a traffic signal will be at the Developer's or MUD's expense. As the engineer for this project, we are respectfully requesting Fort Bend County's sponsorship for this project.

Please call me at 713.953.5200 if you have any questions or if you need additional information.

Sincerely,



Jason M. Kelly, PE
Vice President

JMK/rca

Attachments

Copy: Travis Stone, Aliana Development Company

FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 134B
FORT BEND COUNTY, TEXAS

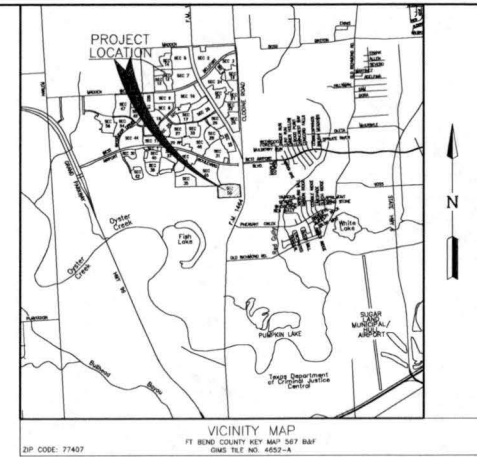
CONSTRUCTION PLANS FOR
**WATER, SANITARY SEWER AND
DRAINAGE FACILITIES**
&
PAVING AND APPURTENANCES

TO SERVE

ALIANA SECTION 59
CITY OF HOUSTON E.T.J.

JOB NO. 1968-4059

DATE : JUNE 2016



SHEET INDEX

1. COVER SHEET
2. GENERAL NOTES
3. WATER AND SANITARY SEWER LAYOUT
4. PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT
5. DRAINAGE AREA MAP
6. DRAINAGE CALCULATIONS (2-YR.) CITY OF HOUSTON
7. DRAINAGE CALCULATIONS (100-YR.) CITY OF HOUSTON
8. DRAINAGE CALCULATIONS (100-YR.) FORT BEND COUNTY
9. GRADING PLAN
10. STORM WATER POLLUTION PREVENTION PLAN

PLAN & PROFILE

- | | |
|--------------------------|------------------|
| 11. NOVAR GARDENS AVENUE | STA. 0+00 TO END |
| 12. CURATE WIND COURT | STA. 0+00 TO END |
| 13. PALLISER PLACE | STA. 0+00 TO END |
| 14. LESSELS LANE | STA. 0+00 TO END |
| 15. ARBRILOT DRIVE | STA. 0+00 TO END |
| 16. KEBRIAN WAY | STA. 0+00 TO END |
| 17. BASELINE A | STA. 0+00 TO END |
| 18. CARNOCK AVENUE | STA. 0+00 TO END |

DETAILS

17. WATER MAIN CONSTRUCTION DETAILS
18. SANITARY AND STORM SEWER DETAILS (SHEET 1 OF 3)
19. SANITARY AND STORM SEWER DETAILS (SHEET 2 OF 3)
20. SANITARY AND STORM SEWER DETAILS (SHEET 3 OF 3)
21. PAVING CONSTRUCTION DETAILS (SHEET 1 OF 2)
22. PAVING CONSTRUCTION DETAILS (SHEET 2 OF 2)
23. BARRICADE, PERMANENT SIGNAGE AND STRIPING DETAILS
24. STORM WATER POLLUTION PREVENTION PLAN DETAILS
25. PEDESTRIAN FACILITIES DETAILS

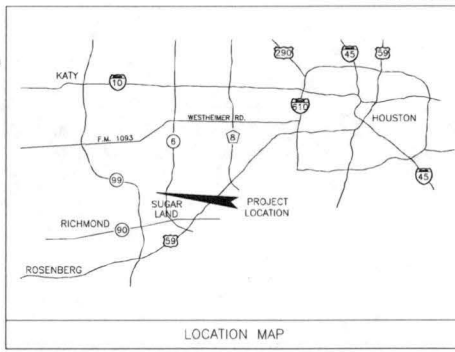
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

SMS
CSH

LJA Engineering, Inc.	
SURVEYED BY:	
FB NO.:	
CITY OF HOUSTON	
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WATER	STREET & BRIDGE
SEWER/STORM	TRAFFIC
STORM	STORM WATER QUALITY
INCHES:	
CITY ENGINEER	FOR CITY OF HOUSTON USE ONLY CITY DWG NO.:
DIRECTOR OF PUBLIC WORKS AND ENGINEERING	
SHEET No:	1 of 25



- NOTES**
1. THESE PLANS WERE PREPARED TO MEET OR EXCEED FORT BEND COUNTY AND CITY OF HOUSTON SUBDIVISION RULES AND REGULATIONS (AS APPLICABLE) AS CURRENTLY AMENDED.
 2. CONSTRUCTION WILL BE MONITORED BY A PROFESSIONAL ENGINEER TO INSURE COMPLIANCE WITH THE CONSTRUCTION PLANS AND SPECIFICATIONS.
 3. CONTRACTOR SHALL NOTIFY THE FOLLOWING ENTITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION:
CITY OF HOUSTON, PUBLIC WORKS DEPARTMENT (713) 837-0050
FORT BEND COUNTY DRAINAGE DISTRICT (DWAYNE GRIGAR) (281) 342-2863
ASSISTANT TO THE FORT BEND COUNTY ENGINEER construction@fortbendcountytx.gov
 4. ONLY AUTHORIZED INDIVIDUALS FROM EITHER THE TESTING COMPANY OR A REPRESENTATIVE OF LJA ENGINEERING, INC. HAVE THE AUTHORITY TO ADD WATER TO A CONCRETE TRUCK.
 5. CONTRACTOR SHALL CONTACT ANY PERTINENT UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION OR CONSTRUCTION IN THE VICINITY OF THEIR EASEMENTS AND/OR RIGHT-OF-WAYS.
 6. THE OPENING AND CLOSING OF ALL VALVES ON EXISTING WATER LINES MUST BE PERFORMED EXCLUSIVELY BY THE DISTRICT OPERATOR.
 7. THE DISTRICT OPERATOR MUST PERFORM ALL WATER LINE BACTERIOLOGICAL TESTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE DISTRICT.
 8. PRIOR TO CONSTRUCTION OF THIS FACILITY WITHIN OR BY THE DISTRICT, THE DISTRICT OR THE ENGINEER WILL GIVE A WRITTEN NOTICE BY REGISTERED OR CERTIFIED MAIL TO THE DIRECTOR OF PUBLIC WORKS AND ENGINEERING, CITY OF HOUSTON, STATING THE DATE SUCH CONSTRUCTION WILL COMMENCE.
 9. CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, OFFICE OF THE CITY ENGINEER, 48 HOURS BEFORE STARTING WORK ON THIS PROJECT. TELEPHONE NO. (832) 394-9098



ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG! (713)223-4567 (IN HOUSTON)
(NEW STATEWIDE NUMBER OUTSIDE HOUSTON) 1-800-345-6005

FIRM FLOOD INSURANCE MAP
PAGE 150 OF 275
MAP# 4812/00145L
FLOOD ZONE "X"

ETJ DETENTION PLANS INFORMATION
1) STORM WATER DETENTION PLANS IS PROVIDED IN RED GUILLEY LAKES PH. 1&2, ALIANA DETENTION/AMENITY PHASE 2 - OYSTER CREEK DRAINAGE IMPROVEMENTS PHASE 3, AND OYSTER CREEK DRAINAGE IMPROVEMENTS PHASE 4.
ENGINEERING FIRM LJA ENGINEERING & SURVEYING
DATE SIGNED: MAY 2007, JANUARY 2012, DECEMBER 2013, FEBRUARY 2014
APPROVED BY FORT BEND COUNTY ENGINEERING DEPARTMENT

2) STORM WATER DRAINAGE DESIGN REPORT
REPORT TITLE MASTER DRAINAGE PLAN FOR ALIANA DEVELOPMENT
DATE JANUARY 2012 (UPDATED SEPTEMBER 2013) ENGINEERING FORM REPORT
DATE OF ACKNOWLEDGEMENT BY FBC DRAINAGE DISTRICT NOVEMBER 2013, APRIL 2015

3) INCREASED IMPERVIOUS COVER = 1122.60 ACRES
DETENTION RATE REQUIRED = 0.52 ACRES-FEET/ACRE
DETENTION RATE PROVIDED = 0.52 ACRES-FEET/ACRE

THIS DOCUMENT IS ISSUED FOR INTERIM REVIEW AND IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, OR PERMITTING PURPOSES.

JASON W. KELLY, P.E.
TEXAS P.E. #91021
ISSUED ON:
JUN 17 2016

FORT BEND COUNTY ENGINEER
ENGINEER: RICHARD W. STOLLES, P.E.
DATE: THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT COMMENCED IN ONE (1) YEAR FROM DATE OF APPROVAL.
APPROVED: DEVELOPMENT COORDINATOR
DATE:

ENGINEER:
LJA Engineering, Inc.
2929 Briarpark Drive
Suite 600
Houston, Texas 77042
Phone 713.963.5200
Fax 713.963.5026
FBN-F-1386

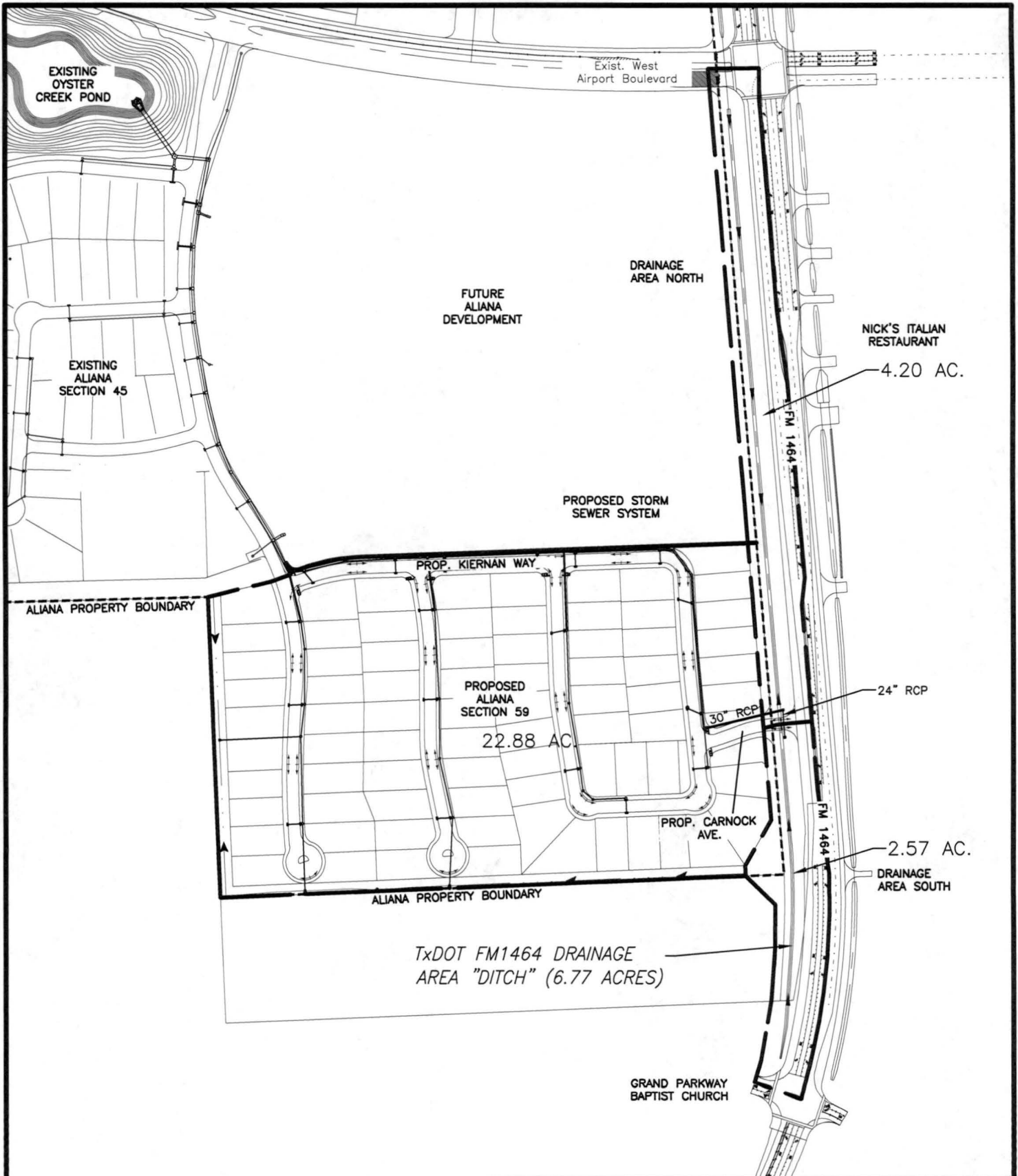
RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
BY: _____ DATE: _____
TITLE: _____

APPROVED FOR CONSTRUCTION
BY: _____ DATE: _____


DEVELOPER:
**ALIANA DEVELOPMENT
COMPANY**
11200 RICHMOND AVENUE SUITE 280
HOUSTON, TEXAS 77082

DATE PLOTTED: 17 JUN 2016 10:24 AM; PLOTTER: HP DesignJet T1100; PLOTTER DRIVER: HP DesignJet T1100; PLOTTER MODEL: HP DesignJet T1100; PLOTTER SERIAL: HP DesignJet T1100; PLOTTER TYPE: HP DesignJet T1100; PLOTTER VERSION: HP DesignJet T1100; PLOTTER MODEL: HP DesignJet T1100; PLOTTER SERIAL: HP DesignJet T1100; PLOTTER TYPE: HP DesignJet T1100; PLOTTER VERSION: HP DesignJet T1100

ALIANA SECTION 59 - JOB NO. 1968-4059



DRAINAGE AREAS
TxDOT STORM ANALYSIS

LJA Engineering, Inc.		
2929 Briarpark Drive	Suite 600	Phone 713.953.5200
Houston, Texas 77042		Fax 713.953.5026
		FRN - F-1386