



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☐ Right of Way Permit
☒ Commercial Driveway Permit

Permit No: 2017-13688

Applicant: Millis Equipment, LLC

Job Location Site: Lake Charlotte Lane, Richmond, TX 77406

Bond No. 100715001 **Date of Bond:** 4/26/2017 **Amount:** \$5,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 23rd day of May, 2017, Upon Motion of Commissioner Muyers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

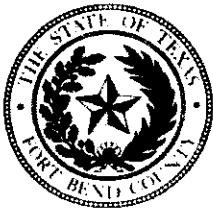
Presented to Commissioners Court and approved.

By: Chandy O. Ay
County Engineer

Date Recorded 5-30-2017 Comm. Court No. 9M

N/A
By: _____
Drainage District Engineer/Manager

Clerk of Commissioners Court
By: Andy Wilks
Deputy



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

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytx.gov

- ☐ Right of Way Permit
☒ Commercial Driveway Permit

Permit No: 2017-13688

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
☒ b. Vicinity map showing course of directions
☒ c. Plans and specifications

(2) BOND:

- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: _____ Amount: _____
- ☒ Performance bond submitted. Bond No: XXXXXXXXXX Amount: \$5,000.00
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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

Charles O. Al

Permit Administrator

5/15/17
Date

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**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD**
AUTHORIZED

BOND NO. [REDACTED]

THE STATE OF TEXAS

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND

§

THAT WE, Millis Equipment, LLC whose address is 931 Pheasant Valley Dr., Suite 240 Missouri City, Texas 77489 Texas, hereinafter called the Principal, And Travelers Casualty and Surety Company of America, a Corporation existing under and by virtue of the laws of the state of Connecticut and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at One Tower Square Hartford, Connecticut 06183, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Texas and Whose address is 1301 E. Collins Blvd. Richardson, Texas 75081, hereinafter called the Surety, and held and firmly bound unto, Robert e. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Five Thousand and No/100 ----- Dollars (\$ 5,000.00 -----) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

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

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

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

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

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

EXECUTED this 26th day of April, 2017.

Millis Equipment, LLC
PRINCIPAL

BY

Travelers Casualty and Surety Company of America
SURETY

BY

Gloria Villa
Gloria Villa, Attorney-in-Fact





POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 230961

Certificate No. 007101100

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Kurt A. Risk, Sue Kohler, Sharon Cavanaugh, Francine Hay, David R. Groppell, Sharen R. Groppell, Roxanne G. Brune, Beverly A. Ireland, and Gloria Villa

of the City of Houston, State of Texas, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 19th day of January, 2017.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: Robert L. Raney
 Robert L. Raney, Senior Vice President

On this the 19th day of January, 2017, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed 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 hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is 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 26th day of April, 2017.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



IMPORTANT NOTICE

TO OBTAIN INFORMATION OR MAKE A COMPLAINT:

You may contact Travelers Casualty & Surety Company of America, Travelers Casualty & Surety Company, Travelers Indemnity Company, Standard Fire Insurance Company and/or Farmington Casualty Company for information or to make a complaint at:

Travelers Bond
Attn: Claims
1500 Market Street
West Tower, Suite 2900
Philadelphia, PA 19102

(267) 675-3057
(267) 675-3102 Fax

You may contact the Texas Department of Insurance to obtain the information on companies, coverages, rights or complaints at:

Texas Department of Insurance
P.O. Box 149104
Austin, TX 78714-9104

(800) 252-3439

ATTACH THIS NOTICE TO YOUR BOND. This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253-021, Government Code, and Section 53.202, Property Code, effective September 1, 2001.

FILED AND RECORDED
OFFICIAL PUBLIC RECORDS

Laura Richard



Laura Richard, County Clerk
Fort Bend County, Texas

May 30, 2017 03:00:57 PM

FEE: \$0.00 CR1
BOND

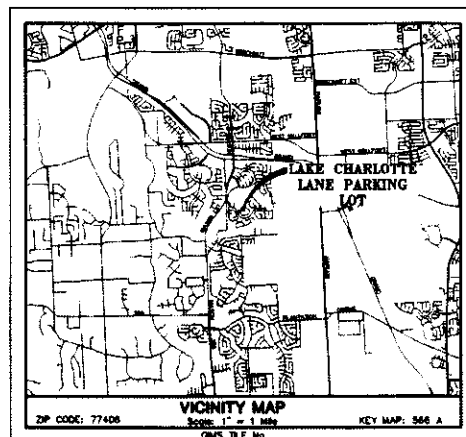
2017058557

PAVING - LAKE CHARLOTTE LANE PARKING LOT

SHEET No.

TITLE

1	C-1	COVER SHEET & INDEX
2	C-2	GENERAL NOTES, DIMENSION, & STRIPING PLAN
3	C-3	PAVING & DRAINAGE PLAN
4	C-4	MISCELLANEOUS DETAILS
5	C-5	STORM WATER POLLUTION PREVENTION PLAN & DETAILS
6	C-6	TRUCK TRAFFIC CONTROL PLAN



NOTES

These plans were prepared to meet or exceed the specifications and requirements of City of Houston and Fort Bend County as currently amended. Approval by Fort Bend County will be deemed void if construction has not begun within one year of approval date.

Construction shall not begin before the plat of this section is filed in the Fort Bend County Map Records.

Construction will be monitored under the supervision of a licensed professional engineer of JONES/CARTER, INC.

Contractor shall notify the Fort Bend County Engineering Department at least 48 hours prior to commencement of construction at construction@fortbendcountytx.gov.

I, Sherri H. McEwee, a Professional Engineer licensed in the State of Texas do hereby certify that these plans were prepared under my supervision to meet or exceed the specifications and requirements of Fort Bend County, Texas.

Sherrill H. McElwain, P.E.

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FORT BEND COUNTY ENGINEER

ENGINEER: Rich J. Stangle, PE, PWS
FRANCIS & STOLLER, P.E.

DATE: 3/13/17

THESE SIGNATURES ARE VOID IF CONSTRUCTION
HAS NOT COMMENCED IN ONE (1) YEAR FROM
DATE OF APPROVAL

APPROVED: [Signature]

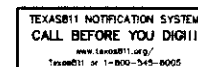
DATE: 3/8/17

FEBRUARY 2017



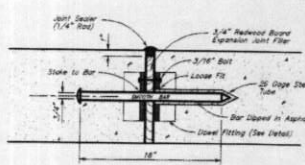
JONES | CARTER

Texas Board of Professional Engineers Registration No. F-432
6330 West Loop South, Suite 150 • Dallas, TX 75201 • 714.777.5207



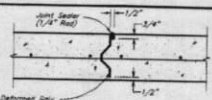
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JONES CARTER
BELLARE TEXAS

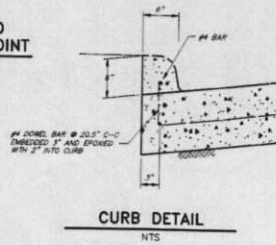


KEYLOAD EXPANSION JOINT

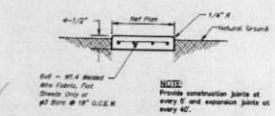
TYPICAL KEYED CONSTRUCTION JOINT



CURB DETAIL



TYPICAL CONCRETE SIDEWALK DETAIL



100-YEAR FLOOD PLAN

ACCORDING TO MAP NO. 484572-040, OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAPS FOR FORT BEND COUNTY, TEXAS, DATED APRIL 2, 2014, THE SUBJECT TRACT IS SITUATED WITHIN UNDEVELOPED ZONE "X", DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN.

THE FEMA WEBSITE (www.fema.gov) WAS CHECKED ON NOVEMBER 16, 2014. AT THIS DATE NO LOAD MORE REPORTED.

THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.

BENCH MARK

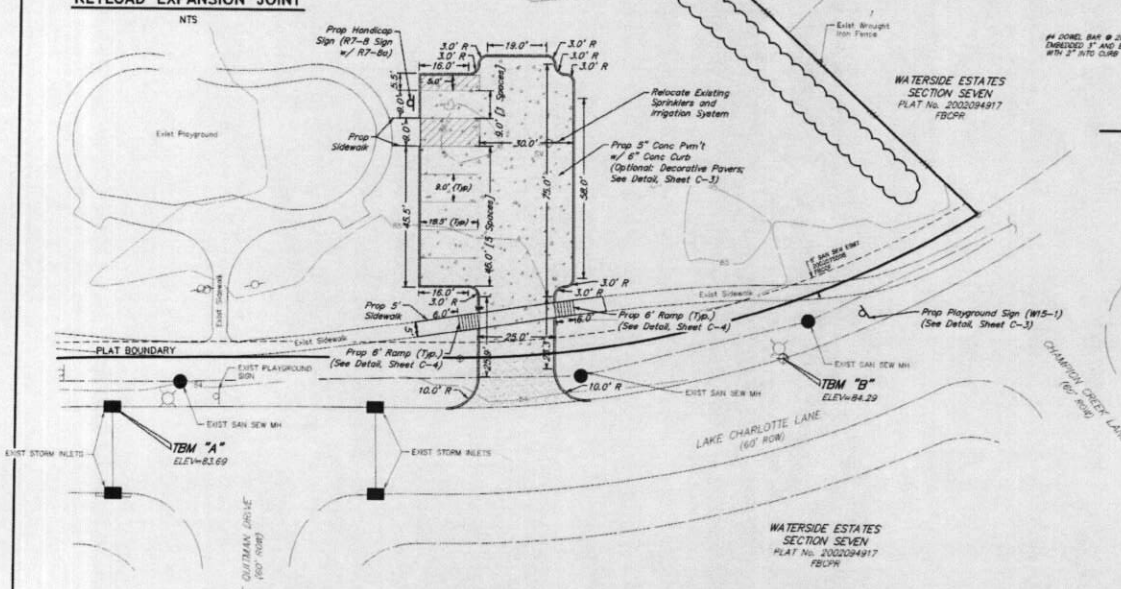
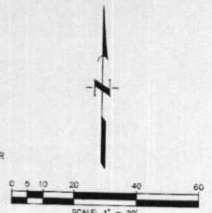
ELEVATIONS SHOWN HEREON ARE BASED ON FORT BEND COUNTY BENCHMARK NO. 88 LOCATED AT THE INTERSECTION OF THURMOND LAKE DRIVE AND EASTLAND LAKE DRIVE WITH A PUBLISHED ELEVATION OF 83.78 FEET, NAVD 88.

BENCH A: BENCH A SET OUT SQUARE ON A 18-INCH INLET LOCATED ON THE SOUTHWEST CORNER OF THE INTERSECTION OF LAKE CHARLOTTE LAKE DRIVE AND LAKE OUTMAN DRIVE. ELEVATION = 83.69 FEET, NAVD 88.

BENCH B: BENCH B SET OUT SQUARE ON THE BACK OF CURB NEAR THE LIGHT POLE AT THE NORTHWEST CORNER OF THE INTERSECTION OF LAKE CHARLOTTE DRIVE AND CHAMPION DRESS LAKE. ELEVATION = 84.29 FEET, NAVD 88.

LEGEND

- SPRINKLER VALVE
- STREET LIGHT
- SIGN
- WROUGHT IRON FENCE
- STORM SEWER w/ INLET
- NATURAL GROUND CONTOUR
- 5-INCH PROPOSED CONCRETE PAVEMENT
- 6-INCH PROPOSED CONCRETE PAVEMENT

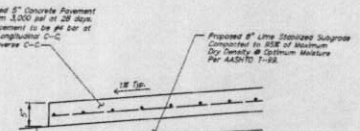


PAVING CONSTRUCTION NOTES

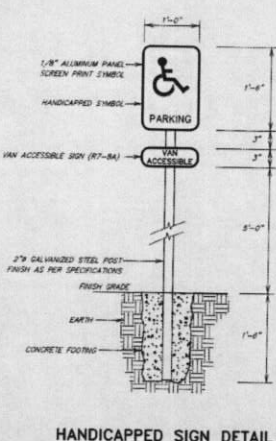
- PAVEMENT SHALL BE IN ACCORDANCE WITH THE REGULATIONS OF FORT BEND COUNTY, TEXAS FOR THE APPROVAL AND ACCEPTANCE OF INFRASTRUCTURE AND/OR AMENDMENTS OF SAME.
- THE CONTRACTOR SHALL NOTIFY FORT BEND COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT - ENGINEERING DIVISION - PERMIT OFFICE, TWENTY-FOUR (24) HOURS IN ADVANCE OF COMMENCING UTILITY AND/OR PAVING CONSTRUCTION AT SMALL CONSTRUCTION PERMIT@FORTBENDCOUNTY.GOV AND WRITTEN NOTIFICATION FORTY-FOUR (48) HOURS IN ADVANCE OF COMMENCING CONSTRUCTION.
- ALL RETAINING WALLS SHALL HAVE A 20-FOOT RADIUS AT FACE OF CURB UNLESS OTHERWISE NOTED. ROAD WIDTH, CURB AND CURB ALIGNMENT SHOWN INDICATES BACK OF CURB.
- GUIDELINES SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" SHALL BE OBSERVED.
- ALL INTERSECTIONS SHALL BE CONSTRUCTED WITH WHEELCHAIR RAMPS IN ACCORDANCE WITH THE GOVERNOR'S OFFICE OF TRAFFIC SAFETY HIGHWAY/ROADWAY DATED MAY 6, 1976, (HIGHWAY SAFETY ACT - 1973 SECTION 286). SEE TDDOT FPD-03 SHEET. WHEELCHAIR RAMPS SHALL COMPLY WITH CURRENT "THE MANHOLE WITH DISABILITIES ACT" (A.S.A.) SPECIFICATIONS. RAMPS TO BE COLORED WITH A COLOR TO BE DETERMINED BY THE ENGINEER CONFORMING TO AASHTO-107H.
- ALL FILL IN EXISTING OR PROPOSED FORT BEND COUNTY RIGHT-OF-WAY, INCLUDING BACKFILLING BEHIND THE CURB, SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES (2") OR LESS AND COMPACTED TO 95% OF MAXIMUM DENSITY AT -3% TO +5% MOISTURE CONTENT AS DETERMINED BY AASHTO TEST METHOD T-99.
- ALL CONCRETE PAVEMENT TO BE 25-FOOT 8-8 SIX (8) INCH REINFORCED CONCRETE WITH 2X (2) 10 INCH REINFORCED CONCRETE CURBS UNLESS OTHERWISE NOTED. ALL CONCRETE FOR PAVING TO BE 5 1/2 INCH, 3000 PSI - 28 DAYS.
- PAVEMENT REINFORCEMENT FOR 25-FOOT 8-8 SIX (8) INCH REINFORCED CONCRETE SHALL BE 1/2 INCH 40 STEEL REBARS ON 20-20 INCH CENTERS FOR LONGITUDINAL STEEL AND ON 36-INCH CENTERS FOR TRANSVERSE STEEL. REINFORCEMENT SHALL BE PLACED ON SHARPS SPACED 36" CENTER TO CENTER. BENT BARS SHALL BE GRADE 40.
- REFER TO THE LATEST FORT BEND COUNTY PAVEMENT MARKING DETAILS AND FORT BEND COUNTY SUBDIVISION STANDING PLANS DATED NOVEMBER 18, 2005.
- SEWERAGE BULKHEADS CONSTRUCTED IN EXPLANDERS SHALL BE SIX (6) INCHES (6") THICK WITH SURFACE COLORED BLACK. INCH CURBS ARE TEN (10) INCHES (10") THICK WITH SURFACE COLORED BLACK. FOR CONCRETE BULKHEADS, SURFACE SHALL BE COLORED BLACK. FOR ASPHALT BULKHEADS, SURFACE SHALL BE UNCOLORED.
- WHEEL CHAIR RAMPS SHALL BE TYPE "F" RAMPS. SEE TDDOT FPD-12A DETAIL SHEET.

DISTRICT NOTES

- ALL LINE WORK IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- CALL THE DISTRICT OPERATOR, MR. BART DOWMAN, WITH ENVIRONMENTAL DEVELOPMENT PARTNERS AT (713) 385-3300 FOR INSPECTIONS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT OPERATOR AT LEAST 48-HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO ANY FINAL INSPECTIONS.
- FORT BEND COUNTY MUD NO. 118 APPROVAL TO BE OBTAINED PRIOR TO ANY CONNECTIONS OF THE EXISTING STREET.
- CONTRACTOR SHALL USE EXTREME CARE WHEN CONNECTING TO THE EXISTING STREET. ANY DAMAGE INCURRED TO EXISTING FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE TO EXISTING OR BETTER CONDITION. COORDINATE WITH DISTRICT OPERATOR AT LEAST 48-HOURS PRIOR TO CONNECTION TO STREET.



PARKING LOT CONCRETE TYPICAL SECTION



HANDICAPPED SIGN DETAIL



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

Fort Bend County
Construction - General Notes

Richard W. Stoltz, P.E.
County Engineer

- Fort Bend County must be invited to the Pre-Construction Meeting.
- Contractor shall notify Fort Bend County Engineering Department 48 hours prior to commencing construction and 48 hours notice to any construction activity within the limits of the paving at Construction@fortbendcountytx.gov.
- Contractor is responsible for obtaining all permits required from Fort Bend County prior to commencing construction of any improvements within County right of way.
- All Paving Improvements shall be constructed in accordance with Fort Bend County "Rules, Regulations and Requirements" relating to the Approval and Acceptance of Improvements in Subdivisions as currently amended.
- All road widths, curb radii and curb alignment shown indicates back of curb.
- A continuous longitudinal reinforcing bar shall be used in the curbs.
- All concrete pavement shall be 5 1/2 inch concrete with a minimum compressive strength of 3000 psi at 28 days. Transverse expansion joints shall be installed at each curb return and at a maximum spacing of 60 feet.
- All weather access to all existing streets and driveways shall be maintained at all times.
- 4"x12" reinforced concrete curb shall be placed in front of single family lots only. All other areas shall be 6" reinforced concrete curb.
- At all intersection locations, Type 7 ramps shall be placed in accordance with TDDOT FPD-12a standard detail sheet, A.D.A. - Handicap ramps shall be installed with street paving at all intersections and comply with current A.D.A. regulations.
- Curb headers are required at curb connections to Handicap Ramps, with no construction joint within 5' of ramps.
- All intersections utilizing Traffic Control measures shall have A.D.A. wheel chair ramps installed.
- Guidelines are set forth in the Texas "Manual on Uniform Traffic Control Devices", as currently amended, shall be observed. The Contractor shall be responsible for providing adequate flagmen, signing, striping and warning devices, etc., during construction - both day and night.
- All R-1 stop signs shall be 30"x30" with diamond grade sheeting per Texas manual on uniform traffic control devices.
- Street name signs shall be on a 1/2" high sign flat blade w/reflective green background. Street names shall be upper and lowercase lettering with uppercase letters of 6" minimum and lowercase letters of 4.5" minimum. The letters shall be reflective white. Street name signs shall be mounted on stop sign post.
- A Blue Double Reflectometer button shall be placed at 4' from Hydrant locations. The button shall be placed 12 inches off of the centerline of the street on the same side as the hydrant.

NOTE: Fort Bend County notes supersede any conflicting notes.

Inspection: The Project and all parts thereof shall be subject to inspection from time to time by inspection designated by Fort Bend County. No such inspection shall release the Contractor of any of its obligations. However, neither failure to inspect nor failure to discover or report any of the work as not in accordance with the drawings and specifications, requirements and specifications of Fort Bend County or any provision of this Project shall be construed to imply an acceptance of such work or to relieve the Contractor of any of its obligations hereunder.

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

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TEXASB11 NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!
www.texasb11.org/
1-800-344-8377

APPROVED: *Mass D...*
DEVELOPMENT COORDINATOR

DATE	REVISIONS	APP.
3/8/17		

FBCMUD 118
FORT BEND COUNTY, TEXAS

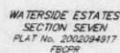
LAKE CHARLOTTE LAKE PARKING LOT
GENERAL NOTES,
DIMENSION, & STRIPING
PLAN

JONES CARTER
Texas Board of Professional Engineers Registration No. 4-439
6100 West Loop South, Suite 150 - Bellaire, TX 77401 - 713.777.3337

DATE: 1-5-17
SCALE: 1"=20'
JOB NO.: 14421-0009-01
SUBMITTED: FEBRUARY 2017
F.B. NO.



SHEET NO. C-2
OF 5



WATERSIDE ESTATES
SECTION SEVEN
PLAT No. 2002094917
FROPP

LAKE QUITMAN DRIVE
600' ROAD

ACCORDING TO MAP NO. 48157C0140L OF THE FEDERAL EMERGENCY
MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAPS FOR FORT
BEND COUNTY, TEXAS DATED APRIL 2, 2014, THE SUBJECT TRACT
IS SITUATED WITHIN UNSHADED ZONE "X" DEFINED AS AREAS
DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN.

THE FEMA WEBSITE (www.fema.gov) WAS CHECKED ON
NOVEMBER 16, 2016. AT THIS DATE NO LOMC WERE REPORTED.

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THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.

ELEVATIONS SHOWN HEREON ARE BASED ON FORT BEND COUNTY BENCHMARK NO. 88 LOCATED AT THE INTERSECTION OF THURMOND LAKE DRIVE AND EASTLAND LAKE DRIVE WITH A PUBLISHED

ELEVATION = 83.78 FEET, NAVD 88.
T.B.W. A
 BEING A SET CUT SQUARE ON A BB-INLET LOCATED
 ON THE SOUTHWEST SIDE OF THE INTERSECTION OF
 LAKE CHARLOTTE LANE AND LAKE GUTMAN DRIVE.
 ELEVATION = 83.69 FEET, NAVD 88.

BEING A SET CUT SQUARE ON THE BACK OF CURB
NEAR THE LIGHT POLE AT THE NORTHWEST CORNER
OF THE INTERSECTION OF LAKE CHARLOTTE DRIVE
AND CHAMPION CREEK LANE.
ELEVATION = 84.29 FEET, NAVD 88.

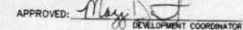
1. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL INSTALL DROG AND SEDIMENTATION CONTROL AT LOCATION SHOWN ON PLANS.
2. CONTRACTOR SHALL INSPECT ALL DROG AND SEDIMENTATION CONTROL SYSTEMS SPECIFIED HEREIN AT A MINIMUM ONCE PER DAY DURING CONSTRUCTION.
3. CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE DAMAGED DROG AND SEDIMENTATION CONTROL SYSTEM THROUGHOUT THE DURATION OF THE CONSTRUCTION (NO SEPARATE PAY).
4. CONTRACTOR SHALL PROVIDE PROTECTED STORAGE AREA FOR CHEMICALS, PAINTS, SOLIDS, OILS, GREASES, AND OTHER MATERIALS THAT MAY BE HARMFUL TO THE ENVIRONMENT.
5. CONTRACTOR SHALL LOCATE FUEL MATERIAL, STORAGE AREA AWAY FROM OTHER WATER CONVEYANCE SYSTEMS. CONTRACTOR SHALL USE SELF-SEALING HOT TAP VALVES TO PREVENT FUEL LEAKS FROM EXISTING LINES.
6. CONTRACTOR SHALL ADVISE OWNER IMMEDIATELY, VERBALLY AND IN WRITING, OF ANY DAMAGE TO ANY EXISTING DROG AND SEDIMENTATION CONTROL SYSTEM AND THE ACTION TAKEN TO REMEDY THE PROBLEM.
7. CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF HIS FUELS MATERIALS, AND OILS, GREASES, AND OTHER MATERIALS IN ACCORDANCE WITH ALL APPLICABLE ENVIRONMENTAL LAWS.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE ENVIRONMENTAL LAWS.
9. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATELY MAINTAINED SANITARY FACILITIES FOR ALL PERSONNEL.
10. AT COMPLETION OF THE CONTRACT, OWNER AND/OR OWNER'S REPRESENTATIVE WITH CONTRACTOR SHALL CONDUCT A DROG AND SEDIMENTATION CONTROL SYSTEM REVIEW BEFORE RELEASING CONTRACTOR OF HIS OBLIGATIONS.
11. IF DROG AND SEDIMENTATION CONTROL SYSTEM IS DESTROYED FROM PRIOR TO THE COMPLETION OF THE CONTRACT, CONTRACTOR SHALL REPAIR OR REPLACE THE SYSTEM, SHALL EXAMINE THE EXISTING DROG AND SEDIMENTATION CONTROL SYSTEMS FOR DAMAGE TO THE CONTRACTOR'S OR OTHERS' PROPERTY, AND SHALL REPORT ANY DAMAGE NOTED AT THIS TIME SHALL BE REPAIRED AT OWNER'S EXPENSE.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR STREET CLEANING, ON A DAILY BASIS, OF ALL DIRT DEPOSITED ON THE STREET FROM THE PROJECT'S DRAINAGE.
13. CONTRACTOR SHALL REMOVE OR RECONSTRUCT ANY SIGNAGE GRANTS TO ESTABLISH DRAINAGE, MUST NOT BE SURMOUNTED BY ANY OTHER TYPE OF SIGN OR OBSTACLE.
14. CONTRACTOR TO SUBMIT NOTES OF CONSTRUCTION SITE NOISE (DURING AND FOR NOISE OF INTENT) TO HIS MASTER PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.



IPB INLET PROTECTION BARRIERS
FOR STAGE 1 INLETS

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DATE: 3/8/17

NO.	DATE	READING

FBCMUD 118
FORT BEND COUNTY, TEXAS

LAKE CHARLOTTE LANE PARKING LOT

STORM WATER POLLUTION
PREVENTION PLAN &
DETAILS



SCALE: 1"=20' DGN. BY: SK
DATE: FEBRUARY 2017 DWG. BY: REW
JOB NO. 14421-0008-01 DWG. NO. _____
SUBMITTED: SURV. BY: _____
F.S. NO. _____

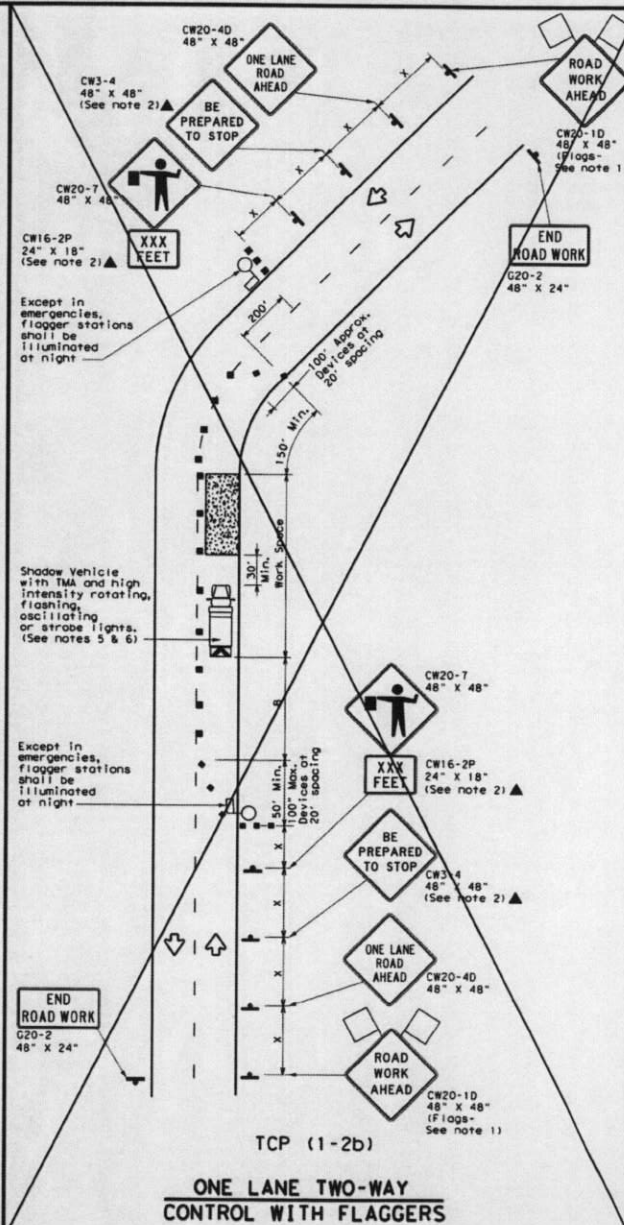
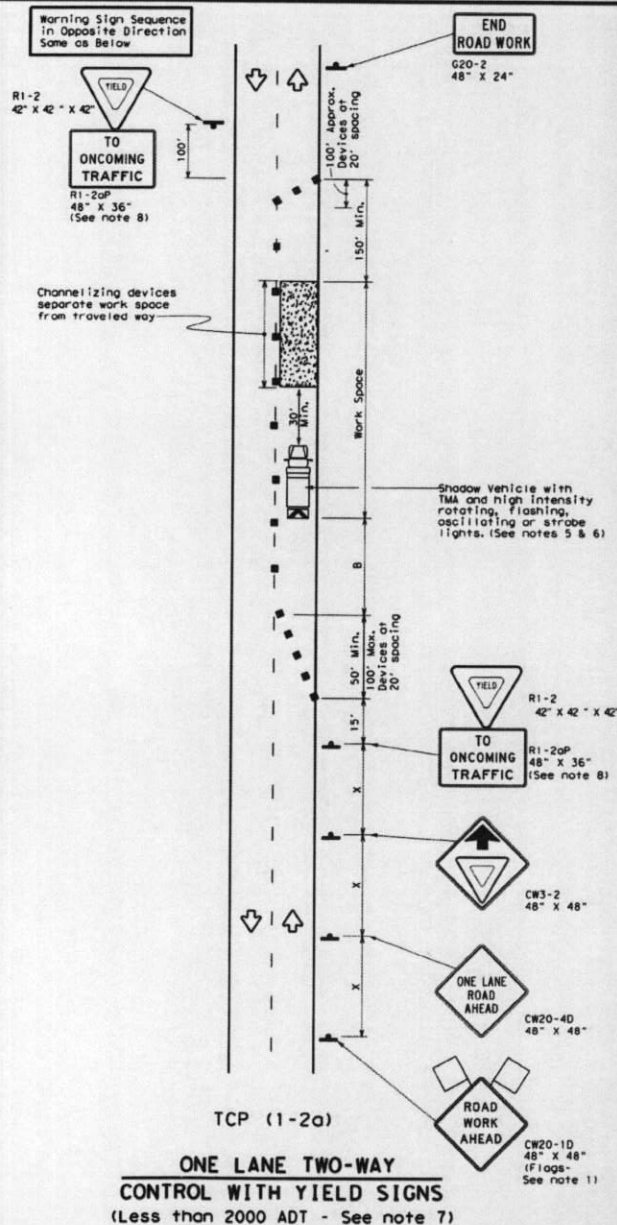


SHEET NO.
C-5

OF 6

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by the Texas Department of Transportation, either for any product or for any service, and no responsibility for the consequences of any use of this standard is assumed by the Texas Department of Transportation.

DATE: FILE:



LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed M	Formula	Minimum Desirable Taper Lengths W			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x" Distance	Suggested Longitudinal Buffer Space "b"	Stopping Sight Distance
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent			
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'	200'
35		205'	225'	245'	35'	70'	160'	120'	250'
40		265'	295'	320'	40'	80'	240'	155'	305'
45		450'	495'	540'	45'	90'	320'	195'	360'
50	$L = WS$	500'	550'	600'	50'	100'	400'	240'	425'
55		550'	605'	660'	55'	110'	500'	295'	495'
60		600'	660'	720'	60'	120'	600'	350'	570'
65		650'	715'	780'	65'	130'	700'	410'	645'
70		700'	770'	840'	70'	140'	800'	475'	730'
75		750'	825'	900'	75'	150'	900'	540'	820'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

GENERAL NOTES

- Flags attached to signs where shown are REQUIRED.
 - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 - The CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-40 "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.
 - Sign spacing may be increased or an additional CW20-10 "ROAD WORK AHEAD" sign may be used if advance warning ahead of the flagger or R1-2 "YIELD" sign is less than 1500 feet.
 - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 - Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- TCP (1-2a)**
- R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work spaces should be no longer than one half city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no longer than 400 feet.
 - R1-2 "YIELD" sign with R1-2aP "TO ONCOMING TRAFFIC" plaque shall be placed on a support at a 7 foot minimum mounting height.
- TCP (1-2b)**
- Flaggers should use two-way radios or other methods of communication to control traffic.
 - Length of work space should be based on the ability of flaggers to communicate.
 - If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table above).
 - Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
 - Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
ONE-LANE TWO-WAY
TRAFFIC CONTROL

TCP (1-2)-12

© 1907 December 15
REVISIONS
4-90 2-12
2-94
1-97
4-98

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3/18/17