

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 28 day of FEBRUARY, 2012, before the Fort Bend Commissioners Court came on to be heard and reviewed the accompanying notice of KINDER MORGAN TEXAS PIPELINE, LLC

Job Location SCOTT

Dated 02/13/12 BOND NO. 022039943 Permit No. 84104

to make use of certain Fort Bend County property subject to, "A Revised 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, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statues. Upon Motion of Commissioner Meyers, seconded by Commissioner Prestage, duly put and carried, it is ORDERED, ADJUGED 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.

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

Mail notices to: Permit Administrator
Fort Bend County Engineering
P.O. Box 1449
Rosenberg, Texas 77471
281-633-7500

3. This permit expires one (1) year from date of permit if construction has not commenced.

By [Signature]
County Engineer

By _____
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Recorded in Volume 2-28-12
Minutes of Commissioners Court.

Clerk of Commissioners Court
By [Signature]
Deputy

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

AUTHORIZED

BOND NO 022039943

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Kinder Morgan Texas Pipeline LLC whose address is 500 Dallas, Suite 1000, Houston, Texas 77002, Texas, hereinafter called the Principal, and Liberty Mutual Insurance Company, a Corporation existing under and by virtue of the laws of the State of Massachusetts and authorized to do an indemnifying business in the State of Texas, and whose principal office is located at 175 Berkeley Street, Boston, MA 02116, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said State is Bryn Evans and whose address is 13201 NW Freeway, Ste 600, Houston, TX 77040, 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 00/100 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 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;

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 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 31st day of January, 2012.

Kinder Morgan Texas Pipeline LLC

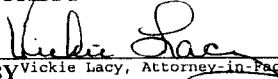
PRINCIPAL

 Joseph Listengart

BY

Liberty Mutual Insurance Company

SURETY


BY Vickie Lacy, Attorney-in-Fact

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

5018732

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.

LIBERTY MUTUAL INSURANCE COMPANY
BOSTON, MASSACHUSETTS
POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint **MARC W. BOOTS, VICKIE LACY, SUSAN SHOEMAKE, P. T. OSBURN, RICHARD COVINGTON, MARIA D. ZUNIGA, JOY DURHAM, HEATHER NOLES, JOSEPH R. AULBERT, ALL OF THE CITY OF HOUSTON, STATE OF TEXAS**.....

, 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 the penal sum not exceeding **ONE HUNDRED MILLION AND 00/100**..... **DOLLARS** (\$ 100,000,000.00.....) each, and the execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

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.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:

Pursuant to Article XIII, Section 5 of the By-Laws, David M. Carey, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to 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.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this day of 21st day of November, 2011.

LIBERTY MUTUAL INSURANCE COMPANY

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

COMMONWEALTH OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 21st day of November, 2011, before me, a Notary Public, personally came David M. Carey, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.

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

By Teresa Pastella
Teresa Pastella, Notary Public

CERTIFICATE

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the 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.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this 31st day of January, 2012.

Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, 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.

COUNTY OF FORT BEND

Engineering Department

P.O. BOX 1449
Rosenberg, Texas 77471-1449

Johnny Ortega
Permit Administrator

1124 Blume Road
Phone: (281) 341-7500

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

PERMIT NO. 084104

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 direction.
- c. Plans and specifications.

- (2) Bond:
- District Attorney, approval when applicable.
- Perpetual bond currently posted.
- No. _____
- Amount _____
- Performance bond submitted.
- No. 022039943
- Amount \$5,000.00
- Cashier's Check.
- No. _____
- Amount _____

- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.

Precinct Engineer Acknowledgment Date _____

Precinct Commissioner Acknowledgment Date _____

- (4) _____
Drainage District Approval when applicable

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



Johnny Ortega CFM/ Permit Administrator
(REVISED 5/30/08)

02/13/2012

Date

**FORT BEND COUNTY ENGINEERING
 PERMIT DEPARTMENT
 CONSTRUCTION OF DRIVEWAYS AND CULVERTS ON COUNTY EASEMENTS AND RIGHT OF WAYS
 COMMERCIAL PIPE PERMIT APPLICATION
 P.O. BOX 1449 • 1124 BLUME ROAD
 ROSENBERG, TX 77471
 (Phone) 281-633-7502 or 7503 • (Fax) 281-342-7366**

APPLICANT INFORMATION

Application No. 84104
 (County Use Only)

Applicant Name KINDER MORGAN TEXAS PIPELINE LLC
 Applicant Mailing Address 500 DALLAS STREET SUITE 1000
 City HOUSTON State TEXAS Zip 77002
 Work Phone 713-369-8873 Daytime Phone 281-961-2492
 Property Owner's Name WHITE LION HOLDINGS Phone 402-342-2820
 Property Owner's Mailing Address 5100 SAN FELIPE STREET UNIT #78E
 City HOUSTON State TEXAS Zip 77056-3680

LOCATION OF PROPERTY

JLADIM + GEORGE AC:
 Subdivision 0287 M MERRITT Sec 46 Lot _____ Blk B(PT) 37.0
 Physical Address SCOTT ROAD, ROSENBERG, TX 77471
 (ATTACH A SITE MAP) CROSS REFERENCE: 0287-00-081-0003-901
DEED PAGE 2004042731
MAP PAGE A-111-C, A-127-C

SITE USE

Driveway Curb & Gutter Section _____ Driveway - Open Ditch Section _____
 Culvert Only X

DRIVEWAY REQUIREMENTS

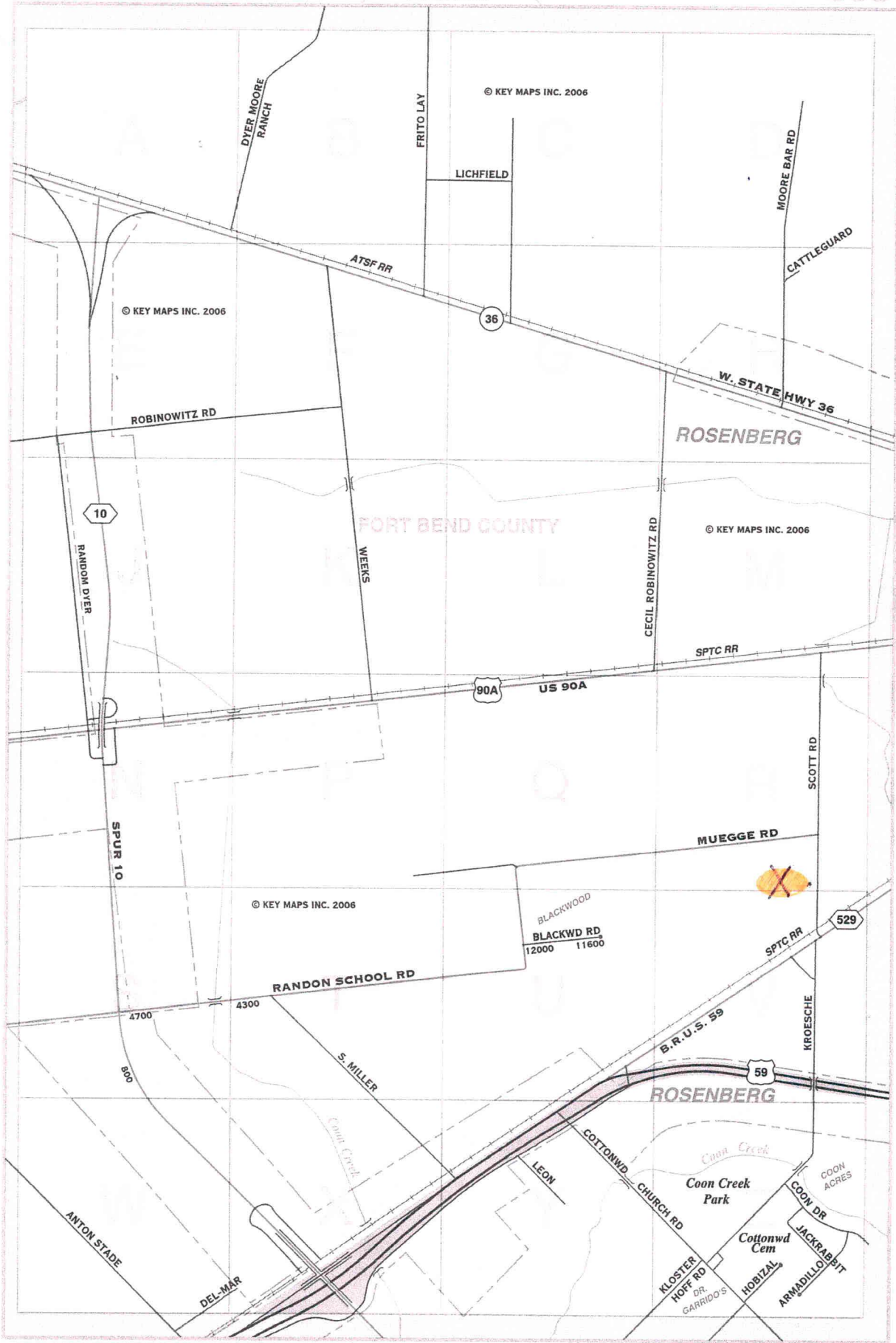
Length 20' minimum and 40' maximum Number of drives 1
 (Sec - Fort Bend County Procedures to be followed for Commercial Driveway, and Median Openings or Modifications)
 Available on website www.co-fort-bend.tx.us

Does project comply with Fort Bend County Lighting Regulation Yes () No ()
 (See- Fort Bend County Outdoor Lighting Regulation on website www.co.fort-bend.tx.us)

- By signing and submitting this permit application, I am stating that I am the owner of this property and I am aware of and agree to abide by the Fort Bend County Regulations of Subdivisions and I am aware of Section 2, Item F in the Permits for the Construction of Driveways & Culverts on County Easements and Right of Ways in Fort Bend County, and am responsible to obtain all other required permits associated with the above mentioned property. Driveway and Pipe Permits shall provide that construction pursuant to the permit will be commenced within six months and be completed within nine months from the date of the permit and that fees collected for said permits shall not be refundable or transferable. I further understand the permit fee, in the form of CASH or PERSONAL CHECK or COMPANY CHECK or a CASHIERS CHECK or MONEY ORDER payable to FORT BEND COUNTY, must be attached.
- The undersigned applicant, agent or attorney hereby certifies to Commissioners' Court to be strictly bound to Commissioners' Court to construct the driveway and/or culvert in strict conformity with the plans, specifications, terms, provisions and conditions of the permit and any other written material incorporated by reference in this application.
- Other permits may be required for development. Please contact the Fort Bend County Road & Bridge Department for pipe sizing or the Fort Bend County Health Department for information on On-Site Sewage Facility permits prior to planning construction.
- Failure to possess or obtain required permits will result in legal action against the property owner as allowed by law.

JAMES E. CADDELL II
 Signature of Applicant, Agent or Attorney
 Printed Name

1/28/2012
 Date



PROJECT DESCRIPTION:
LANE CLOSURE/FLAGGING FOR DRAINAGE WORK SCOTT ROAD

GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). LATEST EDITION WITH REVISIONS) DURING CONSTRUCTION.
2. FOR INTERMEDIATE TERM SITUATIONS, WHEN IT IS NOT FEASIBLE TO REMOVE AND RESTORE PAVEMENT MARKINGS, THE CHANNELIZATION MUST BE MADE DOMINANT BY USING A VERY CLOSE DEVICE SPACING. THIS IS ESPECIALLY IMPORTANT IN LOCATIONS OF CONFLICTING INFORMATION, SUCH AS WHERE TRAFFIC IS DIRECTED OVER A DOUBLE YELLOW CENTERLINE. IN SUCH LOCATIONS, A MAXIMUM CHANNELIZING DEVICE SPACING OF 3 m (10') IS REQUIRED.
3. FOR LONG TERM STATIONARY WORK, ALL CONFLICTING PAVEMENT MARKINGS MUST BE REMOVED AND CENTERLINE STRIPING PROVIDED WHERE TWO WAY TRAFFIC IS IN ADJACENT LANES.
4. SIGNS MAY BE SHIFTED BETWEEN LOCATIONS AS REQUIRED FOR CONSTRUCTION AND SET UP AS DETAILED ON THESE DRAWINGS.
5. CONTRACTOR SHALL PROVIDE SIDEWALK CLOSURES, CROSSWALK CLOSURES OR WALKWAY BY-PASS WHENEVER PEDESTRIAN MOVEMENTS ARE AFFECTED BY CONSTRUCTION ACTIVITIES. ALL SIDEWALKS AND CROSSWALKS SHALL BE ACCESSIBLE WHEN CONTRACTOR IS NOT WORKING UNLESS APPROVED BY THE TRANSPORTATION DIVISION.
6. BARRICADES, SIGNS, CHANNELIZING DEVICES AND TRAFFIC HANDLING DEVICES AS SHOWN SHALL BE ADJUSTED TO FIT FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.
7. "STREET CLOSED" AND "STREET CLOSED TO THRU TRAFFIC" MAY BE USED IN PLACE OF "ROAD CLOSED" AND "ROAD CLOSED TO THRU TRAFFIC".
8. THE USE OF A STREET SIGN NAME MOUNTED WITH THE M4-9 DETOUR SIGN** IS REQUIRED. THE STREET NAME PLATE SHOULD BE PLACED ABOVE THE DETOUR SIGN. THE PLATE MAY HAVE EITHER A WHITE-ON-GREEN OR A BLACK-ON-ORANGE LEGEND.
9. ADDITIONAL "DO NOT ENTER" SIGNS MAY BE DESIRED AT INTERSECTIONS.
10. A M4-9 DETOUR SIGN** WITH AN ADVANCE TURN ARROW MAY BE USED IN ADVANCE OF A TURN, ON MULTIPLE STREETS. SUCH SIGNS SHOULD BE USED.
11. M4-9 DETOUR SIGNS** MAY BE LOCATED ON THE FAR SIDE OF INTERSECTIONS.
12. CONTRACTOR SHALL INSURE THAT ALL BARRICADES, SIGNS, CHANNELIZING DEVICES, WARNING LIGHTS, AND TRAFFIC HANDLING DEVICES ARE MAINTAINED IN A CLEAN, FUNCTIONAL CONDITION AT ALL TIMES.
13. THE CONTRACTOR AND SUBCONTRACTORS SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS, CODES, AND ORDINANCES APPLICABLE TO THE WORK, UNDER NO CIRCUMSTANCES SHALL ANY WORK BE STARTED BEFORE THE REQUIRED PERMITS ARE OBTAINED BY THE CONTRACTOR.
14. CONTRACTOR SHALL PROVIDE ACCESS TO SCHOOLS, BUSINESSES, AND RESIDENCES ALONG THE PROJECT AT ALL TIMES UNLESS OTHERWISE AUTHORIZED.
15. DRUMS AND ALTERNATING CHEVRONS OR VERTICAL PANELS AROUND WORK ZONE AND AT TAPERS, AS APPROPRIATE. SEE TABLE ON LAST PAGE FOR SPACING.
16. APPROVED COPIES OF "TRAFFIC CONTROL PLANS" SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES.
17. IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF TRAFFIC CONTROL PLAN DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, (S)HE SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT ALTERNATE PLANS* TO TRAFFIC SECTION OF HCPID FOR APPROVAL. TEN WORKING DAYS PRIOR TO IMPLEMENTATION.
18. APPROVED COPIES OF "TRAFFIC CONTROL PLANS" SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES.

* PLANS SHALL BE DRAWN BY A LICENSED ENGINEER IN THE STATE OF TEXAS. PLANS WILL BECOME PART OF THE CONTRACT DRAWINGS.
** TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

CLIENT CONTACT INFO

DAYTON LEASE SERVICE
JOEL JOSEPH
3878 HWY 90
RAYWOOD, TX 77715
PH: (936) 587-4859
JOELJOSEPH@DAYTONLEASESERVICE.NET

C:\Projects\Dayton Lease\TrafficControlPlans.dwg

**TRAFFIC CONTROL PLANS FOR
DAYTON LEASE
SERVICES**

**LANE CLOSURE & FLAGGING FOR
DRAINAGE WORK ON SCOTT ROAD
FT. BEND COUNTY, TX**

INDEX	
SHEET NO.	DESCRIPTION
1	COVER/NOTES
2	TRAFFIC CONTROL LAYOUT - PH 1
3	TRAFFIC CONTROL LAYOUT - PH 2
4	FLAGGING DETAILS

TBPE REGISTRATION # F-12345

NO.	DATE

**DAYTON LEASE
SERVICES**

FOREST HILL BLVD.
TRAFFIC CONTROL

NTS SERVICING BRANCH: HOUSTON



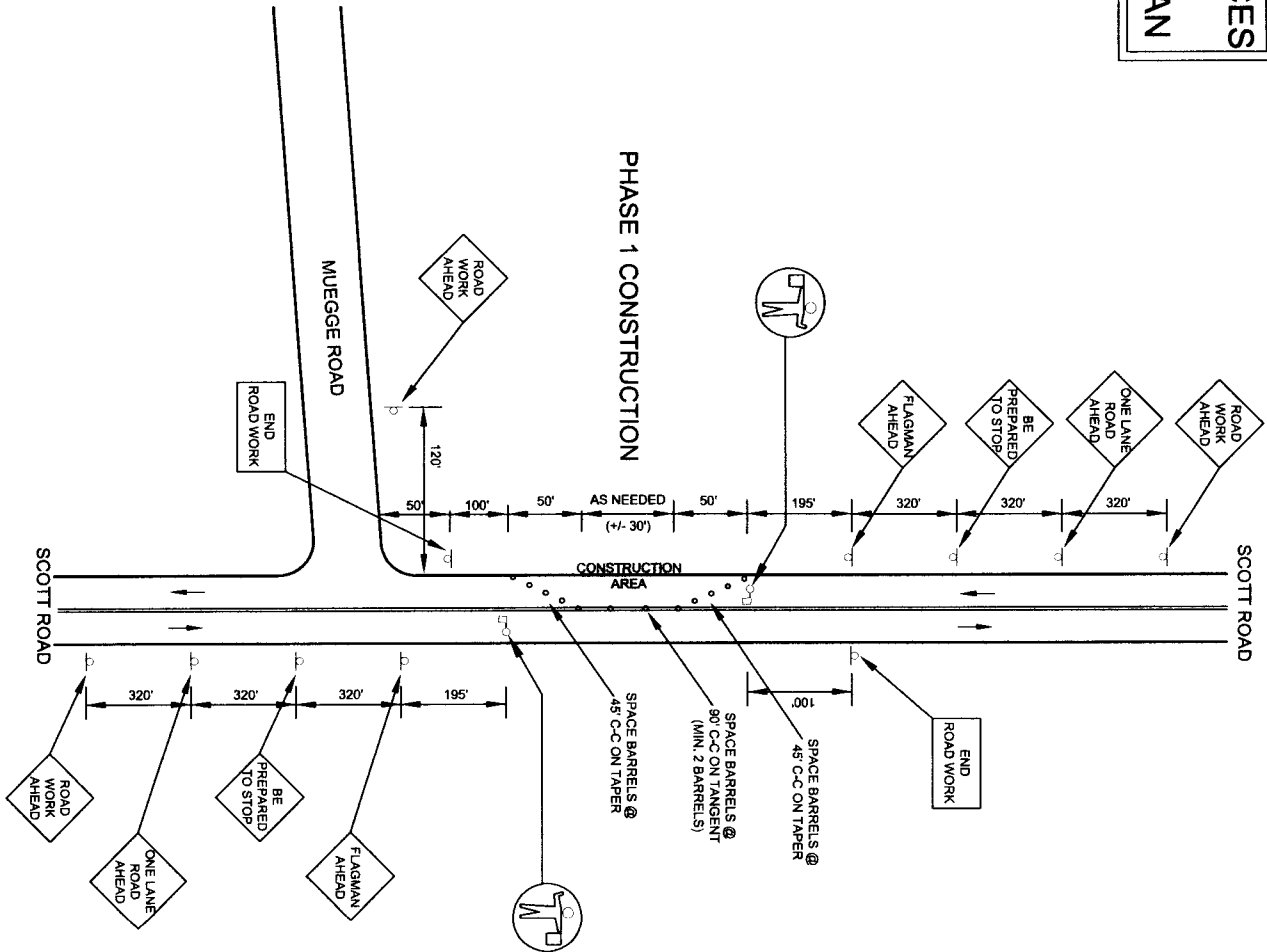
Manufacturing & Engineering, LLC

9002 Wayfarer Lane (713) 991-9800 Ph.
Houston, TX 77075 (713) 991-9899 Fax

DATE: 01-31-2012
DWG: FBendCOCLN...
DRAWN BY: CMG
CHECKED BY: JJJD
PO#:
1 of 4

**DAYTON LEASE SERVICES
SCOTT ROAD
TRAFFIC CONTROL PLAN**

N
NOT TO SCALE
SPEED LIMIT = 45MPH



TBP F-12345

REVISIONS	
NO.	DATE

DAYTON LEASE SERVICES

FOREST HILL BLVD. TRAFFIC CONTROL

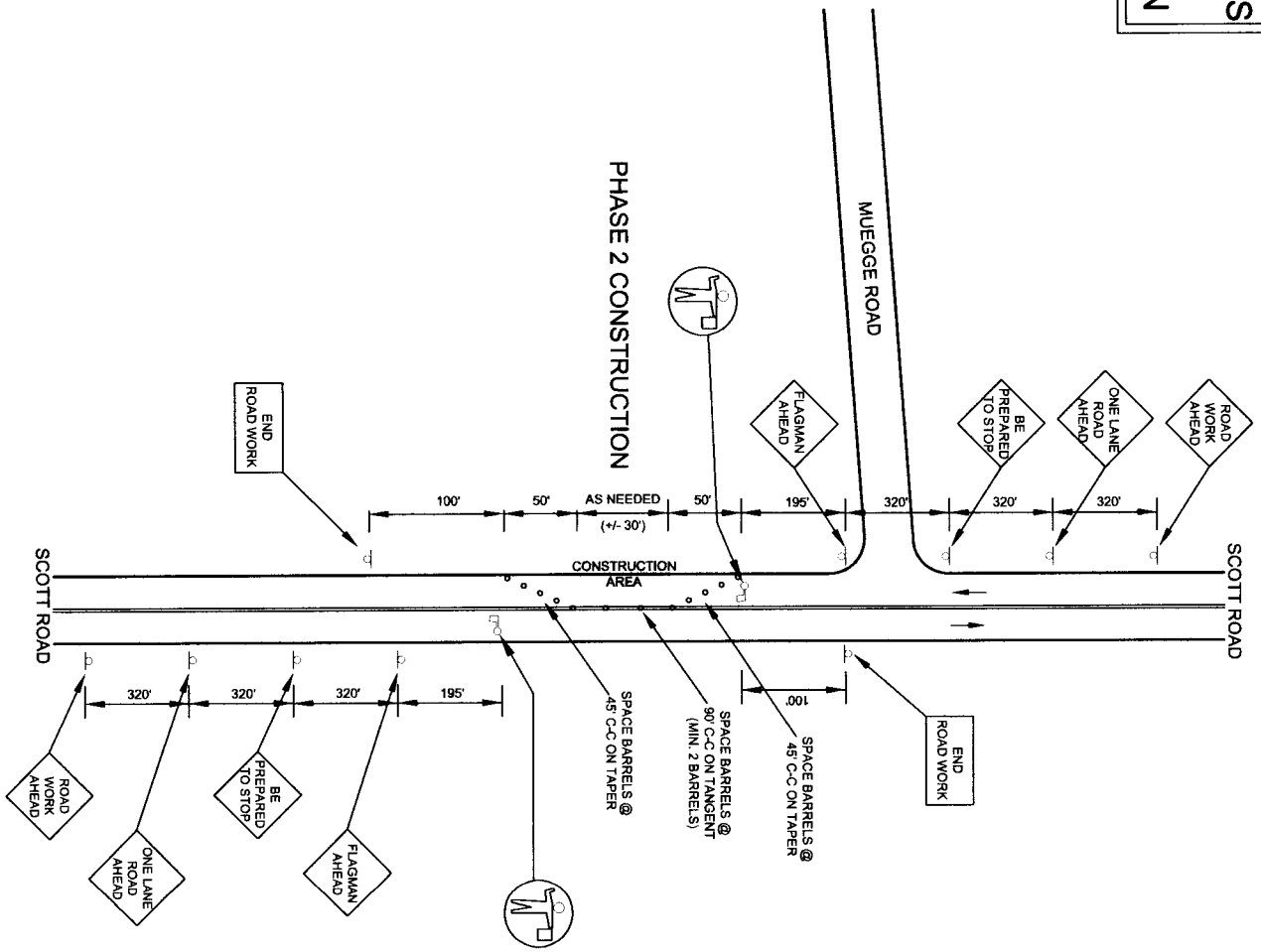
NTS SERVING BRANCH: HOUSTON

DATE: 01-31-2012
 DWG: FIBandCO/Civ...
 DRAWN BY: CMG
 CHECKED BY: JJ/DG
 PO#: 2 of 4

9002 Weylener Lane (713) 991-8800 Ph.
 Houston, TX 77075 (713) 991-8899 Fax

**DAYTON LEASE SERVICES
SCOTT ROAD
TRAFFIC CONTROL PLAN**

N
NOT TO SCALE
SPEED LIMIT = 45MPH



TBPE# F-12345

REVISIONS	
NO.	DATE

DAYTON LEASE SERVICES		FOREST HILL BLVD. TRAFFIC CONTROL	
		NTS SERVICING BRANCH: HOUSTON	

DATE: 01-31-2012	
DWG: FIBendCoculiv...	
DRAWN BY: CMG	
CHECKED BY: JUDG	
PO#: 3 of 4	



DAYTON LEASE SERVICES SCOTT ROAD TRAFFIC CONTROL PLAN

FLAGGING NOTES

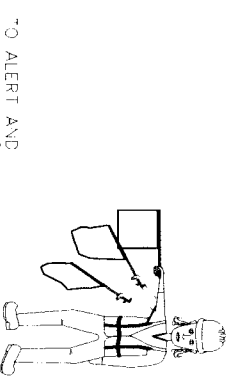
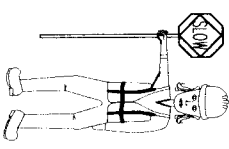
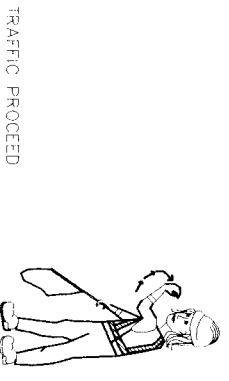
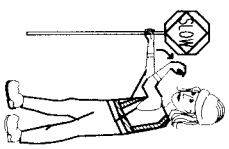
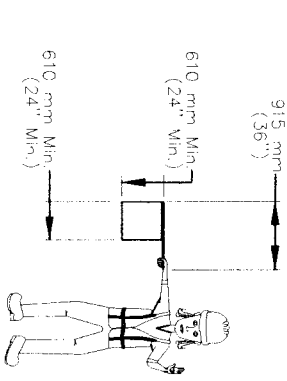
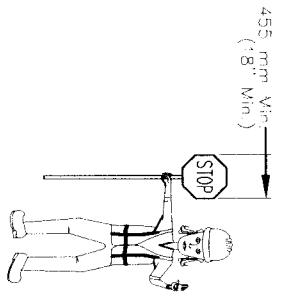
1. FOR DAYTIME WORK, THE FLAGGER SHALL WEAR AN APPROVED BRIGHTLY COLORED VEST. FOR NIGHTTIME WORK, THE VEST SHALL BE RETRO-REFLECTIVE. THE RETRO-REFLECTIVE MATERIAL SHALL BE ORANGE, YELLOW, WHITE, SILVER, STRONG YELLOW-GREEN OR A FLUORESCENT VERSION OF THESE COLORS AND SHALL BE VISIBLE AT A MINIMUM DISTANCE OF 305 m (1,000').
2. FOR LOW-VOLUME APPLICATIONS, A SINGLE FLAGGER MAY BE ADEQUATE. WHERE ONE FLAGGER CAN BE USED, SUCH AS FOR SHORT WORK AREAS ON STRAIGHT ROADWAYS, THE FLAGGER MUST BE VISIBLE TO APPROACHING TRAFFIC FROM BOTH DIRECTIONS.
3. FLAGGERS SHALL USE ONLY STOP/SLOW PADDLE TO DIRECT TRAFFIC UNLESS WORKING IN A SIGNALIZED INTERSECTION WHERE DRIVERS MAY BE CONFUSED BY THE SIGN PADDLE. HAND SIGNAL MAY BE USED IN THESE SITUATIONS.
4. FLAGGERS SHALL ENSURE THAT ALL REQUIRED SIGNING IS IN PLACE PRIOR TO BEGINNING FLAGGING OPERATIONS.
5. FLAGGERS SHALL NOT PERFORM WORK THAT IS NOT RELATED TO FLAGGING WHILE ON DUTY.
6. FLAGGERS MAY CARRY AIR HORNS OR WHISTLES TO WARN WORKERS OF AN EMERGENCY CONDITION.
7. FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS WHEN OUT OF CLEAR VIEW OF EACH OTHER.
8. FLOODLIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.

Typical Transition Lengths and Suggested Maximum Spacing of Devices

Posted Speed MPH	Formula	Minimum Desirable Taper Lengths (L) Meters (Feet)			Suggested Max. Device Spacing		Suggested Sign Spacing Meters (Feet)
		10' Offset (feet)	11' Offset (feet)	12' Offset (feet)	On a taper (feet)	On a tangent (feet)	
30	$L=WS^2$ 60	150	165	180	30	60-75	120'
35		205	225	245	35	70-90	160'
40		265	295	320	40	80-100	240'
45		450	495	540	45	90-110	320'
50		500	550	600	50	100-125	400'
55		550	605	660	55	110-140	500'
60	L=WS	600	660	720	60	120-150	600'
65		650	715	780	65	130-165	700'
70		700	770	840	70	140-175	800'

PREFERRED METHOD
PADDLE

EMERGENCY USE ONLY
FLAG



USE OF HAND SIGNALING DEVICES

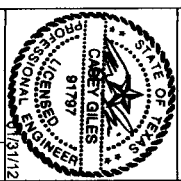
*TO ALERT AND SLOW TRAFFIC

NO.	DATE

FOREST HILL BLVD.
TRAFFIC CONTROL

NTS SERVICING BRANCH: HOUSTON

**DAYTON LEASE
SERVICES**



DATE: 01-31-2012
 DWG: FBandCocuh...
 DRAWN BY: CMG
 CHECKED BY: JJDG
 PO#: 4 of 4

TBPE# F-12345



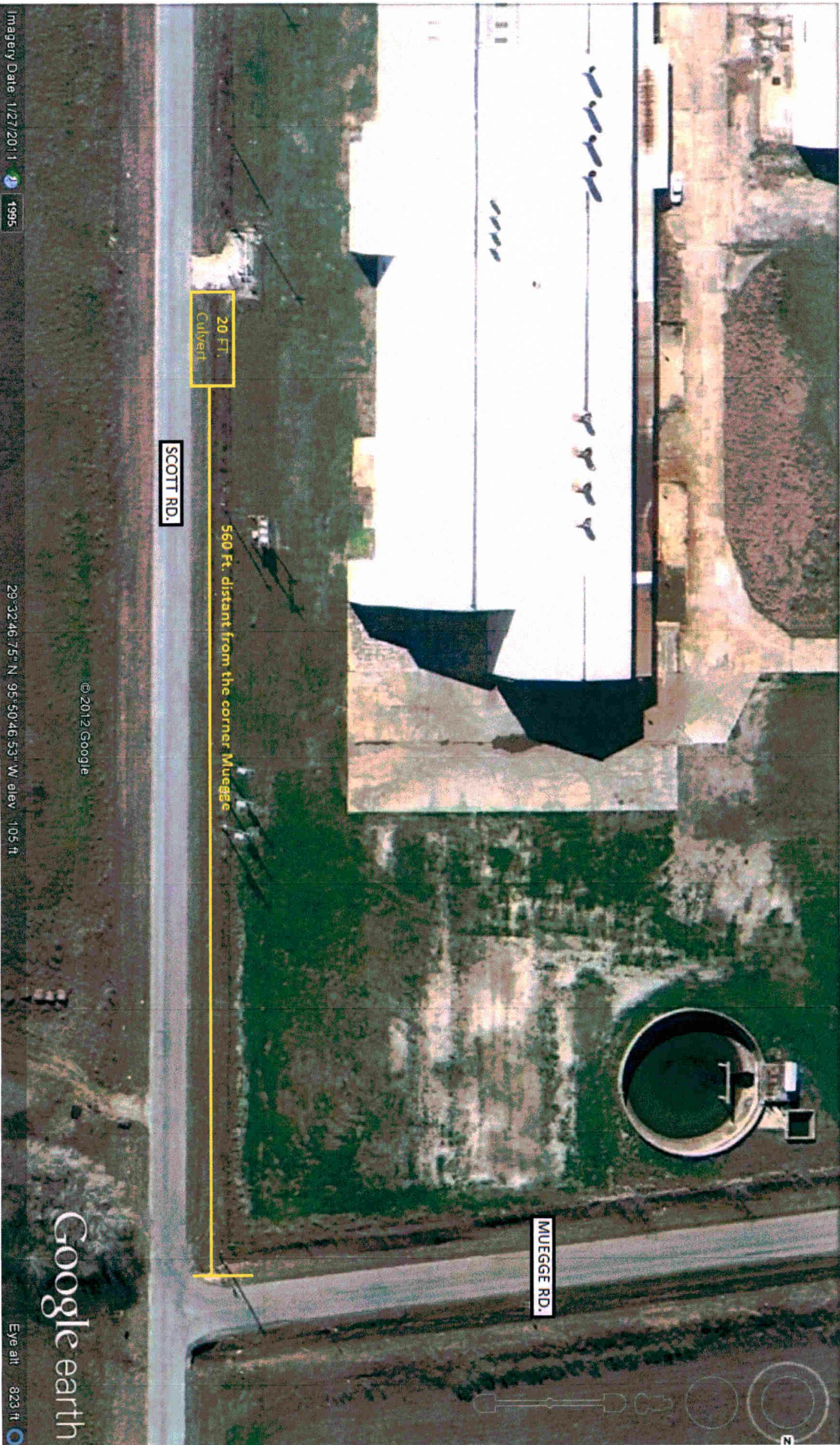
Imagery Date: 1/27/2011 1995

29°32'46.75" N 95°50'46.53" W Elev. 105 ft

© 2012 Google

Google earth

Eye alt 823 ft



20 FT.
Curb

SCOTT RD.

560 Ft. distant from the corner Muegge

MUEGGE RD.

Imagery Date: 1/27/2011 1995

29°32'46.75" N, 96°50'46.53" W elev: 105 ft

© 2012 Google

Google earth

Eye alt: 823 ft