

MA



# Right-of-Way Utilization Permit

Please complete a separate application for each road

Date: 8/31/15  
 Florida Gas Transmission Company, LLC (FGT)  
 Business / Applicant's Name:  
2405 Lucien Way, Suite 200  
 Applicant's Street Address  
Maitland, FL 32751  
 Applicant's City, State, Zip  
(407) 838-7054     terry.coleman@energytransfer.com  
 Telephone Number     Applicant's e-mail address

2     19S     25E  
 Section     Township     Range  
CR 44  
 Project Road Name  
N/A  
 Subdivision and/or Site Plan Name (if applicable)  
9-2-15 / C.C  
 Paid Date     Rec'd By

If this project will result in any new above ground structures, poles, or facilities please state where and what is proposed. Applicant may be requested to provide an engineer's certification that roadway clearance and sight distances have been met.

Description of Work: Maintenance work to the existing FGT 4" Leesburg Lateral gas main involving the utilization of the right-of-way of CR 44 for pipe access and/or staging/unloading of vehicles.

Will be utilizing existing business drive for FGT easement and water access.

Contractor: Florida Gas Transmission Company, LLC     Telephone Number: (407) 838-7054  
 Start of Construction Date: 9/14/15     Construction duration: 21 days  
 Is proposed work within city limits? Yes     If so, what city? Leesburg

A letter of notification was mailed on 8/27/15 to the following utilities & municipalities:

City of Eustis Water Department, Duke Energy, Comcast, Teco Peoples Gas, Centurylink, City of Leesburg - Fiber Optic, Gas, Electric, Water, Cutrale Citrus Juices USA, Inc.

Applicant declares that he/she has determined the location of all existing underground and aerial utilities.  
Applicant declares that he/she has read the attached application requirements and permit conditions.

Terry Coleman  
 Signature of Applicant

Terry Coleman, Sr. R/W Agent  
 Applicant (Print Name)

Road # <u>5731</u>	<b>To be completed by County Staff</b>	
Permit # <u>6875</u>	Permit Fee: \$100.00	Fee Code: PWRW
Checked by: <u>[Signature]</u>	Date Checked: <u>9-1-15</u>	
Approved by: <u>[Signature]</u>	Date Approved: <u>9-2-15</u>	
Special Conditions: _____	Expiration Date: <u>9-2-16</u>	
<p><i>For inspection, call the Lake County Public Works Department at 352-253-6019</i>  <i>Submit Permit to: Lake County Public Works, Post Office Box 7800, Tavares, FL 32778</i></p>		

Public Works Department  
Road Operations Division

Entered Data One	<u>9-1-15</u>
First Scan	<u>"</u>
Updated Data One	_____
Second Scan	_____
Returned to Client	_____

Right-of-Way Utilization Permit  
Effective June 2015

Related Permit # 6875-6881  
Plans with Permit #



## Right-of-way Utilization Permit Requirements

The purpose of the Right-of-Way Utilization permit is to control the use of public rights-of-way and public easements and protect the health, safety and welfare of the public. Any work within public rights-of-way requires an approved right-of-way utilization permit.

### Application Requirements:

For each road involved, please submit one (1) original application and supporting documentation to the Lake County Department of Public Works.

Completed applications must include a sketch or construction plans drawn to scale, showing the following:

1. The offset from the centerline of the right-of-way or roadway to the proposed utility installation, the road right-of-way width and pavement width, the distance from the edge of pavement to the utility, sidewalks, and the location of all other utilities, including traffic signal utilities, within the area of work.
2. One or more typical cross sections to adequately reflect the location of the utility. Please indicate the minimum vertical clearance above or below the pavement or natural ground.
3. The location of the area of work in relation to the nearest road intersection, bridges, railroad crossings, and other physical features. Please include a location or vicinity map showing the general location of the installation.

All permit applications must demonstrate that the proposed improvements conform to the right-of-way utilization requirements included in the *Lake County Land Development Regulations*.

Projects of significant length and land size may require a complete right-of-way survey.

A performance bond may be required of the applicant in the event the work covered by the right-of-way utilization permit has the potential to significantly damage the right-of-way. The amount of the performance bond shall be 110% of the estimated cost to repair such damage, as determined by Lake County.

Prior to construction, applicant shall provide written notice to all property owners adjacent to the project limits. This notice shall include, at a minimum, the anticipated construction schedule, maintenance of traffic plan and any impacts, permanent or temporary, to the adjacent properties. The notice must provide contact information including the name and telephone number of the project manager. Within a minimum of fourteen (14) calendar days prior to construction, applicant shall provide to the County a copy of the notification with a list of the parties notified.

A copy of the approved permit and related supporting documents shall be on site at all times during construction.

### Permit Conditions:

Whenever necessary for the construction, maintenance, operation or alteration of the right-of-way, as determined by the County, any or all of the appurtenances authorized by this permit shall be immediately removed from the right-of-way or relocated, as required by the County, at the expense of the applicant unless reimbursement is specifically authorized.

If above ground utilities are being replaced, the old utilities and utility appurtenances must be removed from County right-of-way within thirty (30) days after new utilities are installed.

All work, materials and equipment shall meet all County codes and standards and shall be subject to inspection by the County. All right-of-way disturbed by this work shall be restored to its original condition or better and in accordance to applicable County Codes. All disturbed areas must be sodded, matching existing grass type. Bahia sod shall be used if no grass is present at time of construction.

The construction and maintenance of this utility shall not interfere with the property and rights of a prior applicant.

Where possible, excavation shall not be allowed within five (5) feet from the edge of the pavement. Situations that cannot meet this requirement shall require prior approval of the County.

The County shall be notified twenty-four (24) hours in advance of starting work. In the interest of public safety all operations shall take place during daylight hours, unless specifically authorized, and discontinued by sunset with proper signage and traffic control devices maintained during off hours.

All traffic detours shall be restricted to the limits of right-of-way with necessary flagmen and marking devices. A traffic detour or lane closure shall require specific approval by the County.

Written approval from the Lake County Engineer shall be required before any alterations to existing traffic signal equipment including, but not limited to: vehicle detection loops and signal timing.

If traffic signal vehicle detection loops are rendered inoperable, temporary detection shall be installed within twenty-four (24) hours.

All traffic signal utilities disturbed by this work shall be restored to its original condition or better. Traffic signal utilities include but not limited to: vehicle detection loops, conduit, cabling, pull boxes, pedestrian signal equipment, span assemblies, signal heads, cabinet assemblies, cameras and fiber optic infrastructure.

All utility construction and maintenance shall be performed with proper shoring, barricades, and maintenance of traffic signage in accordance with the *Manual of Uniform Traffic Control Devices*, with the regulations of Florida Industrial Safety Board, and the *Florida Department of Transportation Safety Manual*.

The County shall not be responsible for damages to any structure placed within the right-of-way. All structures shall be properly maintained, adequately visible or properly delineated to prevent damage due to normal maintenance of the right-of-way.

Open cuts of roads will not be allowed unless specifically authorized by Lake County. Directional bore or jack and bore operations should maintain a five (5) foot minimum clearance from edge of pavement on road crossing each side. Recommended bore depth is thirty-six inches (36") and a minimum bore depth is thirty inches (30"). Any overhead installations should maintain a minimum of eighteen (18) feet vertical clearance over all roadways and driveways.

This permit is effective for one year from its approval date, unless otherwise rescinded by Lake County.

**Inspection and Approval of Work:**

The County shall have the right to inspect and approve all materials and/or phases of work. Final inspection and acceptance of work by the County must be obtained to document the completion of the work. All work shall be subject to the construction requirements and inspections as required in other provisions of the *Lake County Land Development Regulations*. Pursuant to Section 337.403(1), Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by Lake County to be unreasonably interfering in any way with the convenient, safe, or



continuous use, or maintenance, improvement, extension, or expansion, of such public road or publicly owned rail corridor shall, upon thirty (30) days written notice to the utility or its agent by Lake County be removed or relocated by such utility at its own expense.

It is agreed that in the event the installation, adjustment or relocation of said utilities are scheduled to be done simultaneously with Lake County construction work, the applicant shall coordinate with Lake County before proceeding and shall cooperate with the Lake County's contractor to arrange the sequence of work so as not to delay the work of Lake County contractor, defend any legal claims of Lake County's contractor due to delays caused by the applicant's failure to comply with the approved schedule, and shall comply with all provisions of the law and Lake County's current *Utility Accommodation Manual*. The applicant shall not be responsible for delay beyond its control.

All right-of-way utilization activities shall be reported to Sunshine State One-Call at least seventy-two (72) hours prior to commencement.

**Guarantee and Responsibility for Compliance:**

In the case of noncompliance with the County's requirements, this permit will be void and the facility will be brought into compliance or removed from the right-of-way at no cost to the County.

The County may issue "Stop Work" order(s) upon any permittee committing or creating an unsafe act which may create a public hazard or who is not complying with this permit or the applicable codes. The order shall remain in effect until such time as these matters are corrected.

Permits shall be issued with the understanding that the applicant shall guarantee all work performed under the terms of the permit for a period of one (1) year from the date of final inspection and acceptance of work.

Any failures shall be repaired by the applicant, at the direction of the County, within five (5) days, unless the urgency of the problem requires a quicker reaction time.


The applicant shall be responsible for all repair costs incurred due to damages to existing utilities by failure to use due care, including errors in locating existing utilities during construction.

Removal/Relocation of Improvements: Upon ten (10) days written notice, the applicant shall be required to remove and/or relocate the improvements placed within the right-of-way at the applicant's sole expense.

It is expressly stipulated that this permit is a license for permissive use only and that the placing of facilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder.

It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the County's right, title and interest in the land to be entered upon and used by the holder, and the holder will, at all times, assume all risk of and indemnify, defend and save harmless the County of Lake from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said holder of the aforesaid rights and privileges.

**I have read and understand the above requirements**

 8/31/15  
\_\_\_\_\_  
**Applicant's Signature/Date**

August 27, 2015

**RE: Florida Gas Transmission – 4” Leesburg Lateral Hydrostatic Test  
Lake County, Florida**

Florida Gas Transmission (FGT) is currently proposing to perform maintenance on an existing gas main in Lake County. The project locations are within or near the right-of-way of CR 452 and CR 44. Please see the attached pdf showing the approximate project limits. If you have utilities in the area, **please verify and mark your utilities both horizontally and vertically (if possible).**

The Sunshine One Call of Florida (SSOCOF) Design Reference Numbers are:

- 239501423 (South R/O/W of CR 452, approx. 400 ft east of CR 44)
- 239501905 (South R/O/W of CR 44, approx. 1/4 mile east of Sparrow Ln)
- 239502113 (South R/O/W of CR 44, approx. 100 ft west of Chain O Lakes Rd)
- 239502501 (South R/O/W of CR 44, approx. 450 ft west of Leroy Turner Cir)
- 239502615 (East R/O/W of CR 44, approx. 100 ft north of Leesburg Mobile Rd)
- 239502871 (North R/O/W of CR 44, between Radio Rd & Variety Tree Rd).

If you have already responded, please keep this notification for your records. Please send your utility mark-ups or a statement indicating that you have no utilities in the area to:

Mr. David Webster  
URS Corporation  
7650 West Courtney Campbell Causeway  
Tampa, Florida 33607

Your expeditious review and response will be appreciated. Please provide your response to our office **by September 14, 2015.**

Please contact me directly at (813) 636-2143, by fax at (813) 287-8591, or by email at [david.e.webster@aecom.com](mailto:david.e.webster@aecom.com), if you have any questions or require additional information. Thank you.

Sincerely,  
**URS Corporation**

David Webster, E.I.  
Staff Engineer

Attachment

Cc: Lake County – Right of Way Use Permit  
URS File

## Bilbrey, Michelle

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**From:** Webster, David E <david.e.webster@aecom.com>  
**Sent:** Tuesday, September 01, 2015 11:47 AM  
**To:** Bilbrey, Michelle  
**Cc:** Scott, Jimmy; McArdle, Heath; Westberry, Kevin  
**Subject:** RE: Florida Gas Transmission (FGT) 4" Leesburg Lateral Hydrotest - SITE 5  
**Attachments:** 4inLeesburgHydro ROWapp Site 5.pdf; 4 in Leesburg Hydro utility\_notification.pdf; 2015-09-01\_4inLeesburgHydro Site 5 S&S Plans.pdf

Ms. Bilbrey,

Please find attached the Right-of-Way Utilization Permit Application, Construction Plans, and Utility Notification Letter for the FGT 4" Leesburg Lateral Hydrotest – **Site 5**.

In summary, the Right-of-Way Utilization Permit is for maintenance work to the existing FGT 4" Leesburg Lateral gas main involving the utilization of the right-of-way of CR 44 for pipe access and/or staging/unloading of vehicles. FGT will also be utilizing the existing business drive for easement and water access. There will be work within Lake County's right-of-way per the attached plans. Refer to the MOT & Site Plans for further explanation.

We listed our client, Terry Coleman with FGT, as the applicant and provided his contact email and phone number. I request that you copy Kevin Westberry and myself on any comments or permit correspondence/issuance. Please let me know if you have any questions.

We appreciate your expeditious review and approval of this submitted information. If you have any questions or comments, please contact Kevin Westberry at (813) 675-6857 or myself at (813) 636-2143.

Thanks,

**David Webster**  
Staff Engineer - Site/Civil Engineering  
D 1-813-636-2143  
[david.e.webster@aecom.com](mailto:david.e.webster@aecom.com)

**AECOM**  
7650 W. Courtney Campbell Cswy  
Tampa, Florida 33607  
T 1-813-286-1711 F 1-813-286-6587  
[www.aecom.com](http://www.aecom.com)

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**From:** Bilbrey, Michelle [<mailto:mbilbrey@lakecountyfl.gov>]  
**Sent:** Monday, August 31, 2015 10:46 AM  
**To:** Westberry, Kevin  
**Cc:** Scott, Jimmy; McArdle, Heath  
**Subject:** RE: Florida Gas Transmission (FGT) 4" Leesburg Lateral Hydrotest

Kevin,

As per our conversation, we need one application for each location in which the work is to be done. Please feel free to contact me with any questions.

Thank you,



*Michelle Bilbrey*

Permitting Technician II  
Lake County Public Works  
Phone: 352-253-6019

Please note: Florida has a very broad public records law. Most written communication to or from government officials regarding government/public business is public record available to the public and media upon request. Your e-mail communications may be subject to public disclosure.

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**From:** Westberry, Kevin [<mailto:kevin.westberry@aecom.com>]  
**Sent:** Monday, August 24, 2015 4:10 PM  
**To:** Bilbrey, Michelle  
**Cc:** Webster, David E; Syrja, Dennis; Head, Nicholas  
**Subject:** Florida Gas Transmission (FGT) 4" Leesburg Lateral Hydrotest

Michelle,

Per my voicemail today, please find attached the MOT/ROW plans for the FGT 4" Leesburg Lateral Hydrotest. This project (and the attached plans) were mentioned in the email below from Chris Kearby with Florida Gas Transmission as work that will overlap with the approved Haines Creek Vault Replacement project (Permit #6737). There are seven (7) locations where FGT either needs to access their pipe or to utilize the right-of-way for unloading/vehicles. No location requires a lane closure and FGT's schedule construction start date is 9/14/15.

Since this work is occurring as one construction project, can we submit this set of plans to Lake County as one (1) Right of Way Utilization Permit or will it need to be separate Permit Applications for each site? Please let us know and we will get the email submittal(s) to you ASAP.

Thank you for your time.

**Kevin M. Westberry, P.E.**  
Senior Civil Engineer – Site/Civil Engineering  
D 1-813-675-6857  
[kevin.westberry@aecom.com](mailto:kevin.westberry@aecom.com)

**AECOM (formerly URS)**  
7650 W. Courtney Campbell Cswy  
Tampa, Florida 33607  
T 1-813-286-1711 F 1-813-286-6587  
[www.aecom.com](http://www.aecom.com)

AECOM and URS have joined together as one company. [Learn more.](#)

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**From:** Chris Kearby [<mailto:chriskearby.fgt@outlook.com>]  
**Sent:** Friday, August 07, 2015 8:29 AM  
**To:** Michelle Bilbrey; Heath McArdle  
**Cc:** Head, Nicholas; Westberry, Kevin; Morgan Dillinger; Coleman, Terry  
**Subject:** Haines Creek Vault CR 44

Due to the need to hydrotest the 4" Leesburg Lateral (which includes the vault), FGT will be delayed replacing the vault until the hydrotest, which will be planned about mid-September. As FGT will need to isolate the vault during the hydrotest, the intent is to replace the vault during the test as not to excavate in the road R/W twice at the vault. Please contact me if you have any questions or concerns. Thank you.

Regards,

**Chris Kearby**

Sr. R/W Agent

Contract Agent, Florida Gas Transmission Company, LLC

2405 Lucien Way, Suite 200

Maitland, FL 32751

407-838-7059

407-342-6899 (Cell)



**TRAFFIC CONTROL GENERAL NOTES**

1. ALL REGULATORY POSTED SPEED SIGNS WITHIN THE LIMITS OF THE WORK ZONE SHALL BE FULLY COVERED FOR THE DURATION OF THE PROJECT.
2. THE PROPOSED TRAFFIC CONTROL SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARD INDEX 600 SERIES.
3. THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF THE TRAFFIC CONTROL DEVICES (I.E. BARRICADES, SIGNS, ARROW BOARDS, ETC.). THIS CREW SHALL CONSIST OF AT LEAST TWO MEMBERS OF THE CONTRACTOR'S WORK FORCE WHOSE SOLE RESPONSIBILITY WILL BE THE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE TRAFFIC CONTROL DEVICES.
4. DROP OFFS WITHIN THE CLEAR ZONE SHALL BE TREATED IN ACCORDANCE WITH INDEX 600, USING SHOULDER TREATMENT OR TEMPORARY BARRIER WALL AS CALLED OUT ON THE TRAFFIC CONTROL PLAN.
5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN IN A SAFE CONDITION TEMPORARY APPROACHES OR CROSSINGS AND INTERSECTIONS WITH TRAILS, ROADS, STREETS, BUSINESS PARKING LOTS, RESIDENCES, GARAGES, AND FARMS. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF MAINTAINING THE TRAFFIC OVER THE SECTION OF ROAD UNDERGOING THE IMPROVEMENT AND CONSTRUCTING AND MAINTAINING SUCH APPROACHED CROSSINGS, INTERSECTIONS, AND OTHER FEATURES AS MAY BE NECESSARY, WITHOUT DIRECT COMPENSATION.
6. THE CONTRACTOR SHALL PROVIDE A CERTIFIED TRAFFIC CONTROL/WORK ZONE SAFETY SUPERVISOR (ENGLISH SPEAKING) ON SITE WHILE WORK IS BEING CONDUCTED. ALSO THE CONTRACTOR SHALL PROVIDE A 24 HOUR CONTACT PERSON'S NAME AND PHONE NUMBER IN CASE OF AN EMERGENCY.
7. THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE FOLLOWING AGENCIES FOR ANY LANE CLOSURE ON AN ARTERIAL OR COLLECTOR ROADWAY THAT WOULD EXCEED ONE HOUR IN LENGTH.
  - \* FLORIDA DEPT. OF TRANSPORTATION (386) 943-5479
  - \* LAKE COUNTY DEPT. OF PUBLIC WORKS (352) 483-9000
  - \* LAKE COUNTY FIRE RESCUE (352) 343-9458
  - \* LAKE COUNTY EMERGENCY MEDICAL SERVICES (352) 383-1200
  - \* LAKE COUNTY EMERGENCY MANAGEMENT (352) 343-9420
  - \* LAKE COUNTY SHERIFF'S OFFICE (352) 343-2101
  - \* LAKE COUNTY SCHOOL DISTRICT (352) 253-6500
  - \* UNITED STATES POST OFFICE LOCAL BRANCH (352) 589-2037
8. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO AND FROM SINGLE-FAMILY HOMES, DRIVEWAYS, LOCAL STREETS, AND COMMERCIAL BUSINESSES AT ALL TIMES, UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE BY THE CONTRACTOR WITH THE PROPERTY OWNER.
9. THE CONTRACTOR SHALL PROVIDE TO THE MOTORING PUBLIC A NOTICE OF CONSTRUCTION BY MEANS OF A VARIABLE MESSAGE BOARD, LISTING THE IMPACTED ROADWAY, STARTING DATE AND TIME, WHICH IS TO BE POSTED ON THE IMPACTED ROADWAY 7-14 DAYS PRIOR TO STARTING ACTUAL CONSTRUCTION 250' PRIOR TO THE FIRST ADVANCED WARNING SIGN. MESSAGES SHALL BE: 1) UTILITY WORK AHEAD 2) DATE TO DATE.
10. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED. MAINTAIN THE DRAINAGE STRUCTURES (TO INCLUDE BUT NOT LIMITED TO DESILTING) FOR THE DURATION OF THE PROJECT.
11. CONTRACTOR SHALL NOT PLACE ANY TRAFFIC CONTROL DEVICES OR SIGNS IN CONFLICT WITH PUBLIC OR PRIVATE DRIVEWAYS.
12. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TRAFFIC CONTROL PLAN SHALL BE COVERED WITH REMOVABLE TAPE PER STANDARD INDEX 600 AND FDOT STANDARD SPECIFICATION 102-10.3. SHOULD THE REMOVABLE TAPE BEGIN TO PEEL OR FAIL DURING CONSTRUCTION, THE CONTRACTOR SHALL ADHERE TO FDOT STANDARD SPECIFICATION AND RECOMMENDATIONS FOR TRAFFIC CONTROL THROUGH THE WORK ZONE.
13. TEMPORARY BARRIERS SHALL BE PLACED AND ALIGNED IN ACCORDANCE WITH STANDARD INDEX NO. 412 FOR TEMPORARY LOW PROFILE BARRIER WALL AND STANDARD INDEX NO. 415 FOR TEMPORARY BARRIER WALL.
14. LONGITUDINAL CHANNELIZING DEVICES IN ACCORDANCE WITH STANDARD INDEX 600 SHALL BE USED IN AREAS WHERE DROPOFFS ARE PROPOSED ADJACENT TO SIDEWALKS OR MULTI-USE PATHWAYS USED BY PEDESTRIANS AND BICYCLISTS.
15. IN AREAS REQUIRING SIDEWALK OR PEDESTRIAN MULTI-USE PATHWAY CLOSURES, STANDARD INDEX 660 SHALL BE USED FOR PEDESTRIAN TRAFFIC CONTROL.

**R.O.W. CONSTRUCTION NOTES**

1. CONSTRUCTION SHALL OCCUR WITHIN FLORIDA GAS TRANSMISSION COMPANY, LLC'S DESIGNATED WORK ZONE. CONSTRUCTION WILL BEGIN ON SEPTEMBER 14, 2015 AND THE DURATION IS ANTICIPATED TO BE THREE (3) WEEKS.
2. WORKSITE TRAFFIC SUPERVISOR AND PROJECT MANAGER: FLORIDA GAS TRANSMISSION COMPANY, LLC; CONTACT: SEBASTIAN ROSS; PH: (407) 838-7412; CELL: (321) 508-2928.
3. ALL EXISTING UTILITIES TO BE LOCATED/NOTIFIED PRIOR TO CONSTRUCTION. CONTRACTOR TO CALL "SUNSHINE STATE ONE CALL" (1-800-432-4770) A MINIMUM OF 3 DAYS AND MAX. OF 5 DAYS PRIOR TO START OF CONSTRUCTION.
4. ALL MATERIAL BEING REPLACED WITHIN LAKE COUNTY RIGHT-OF-WAY WILL COMPLY WITH LAKE COUNTY LAND DEVELOPMENT REGULATIONS AND THE FDOT INDEX 505 AND BE PLACED IN ACCORDANCE WITH FDOT SPECIFICATION 120.
5. CONCRETE BARRIER SHALL BE PLACED AND ALIGNED PER THE MANUFACTURER'S FDOT APPROVED DRAWINGS AND FDOT INDEX 415, AND INCLUDE AN ATTENUATOR/CRASH CUSHION AT THE APPROACHING TRAFFIC END. SEE MANUFACTURER BARRIER DRAWINGS, FDOT INDEX 415, AND FDOT INDEX 600 (SHEET 10 OF 13) FOR FURTHER DETAILS.
6. ALL DISTURBED AREAS WITHIN COUNTY RIGHT-OF-WAY SHALL BE SODDED, MATCHING EXISTING GRASS TYPE. SEED AND MULCH ARE NOT ACCEPTABLE. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER PER THE APPLICABLE COUNTY CODES. ALL VEGETATION SHALL BE MAINTAINED BY THE PERMITTEE OR PERMITTEE'S CONTRACTOR UNTIL ESTABLISHED.
7. NO TRENCH OR EXCAVATION SHALL BE LEFT OPEN OR UNATTENDED OVERNIGHT, UNLESS THE EXCAVATIONS WITHIN THE CLEAR ZONE OF THE ROADWAY MEET THE DROP OFF CRITERIA OF THE 2015 FDOT DESIGN STANDARDS (INDEX 600) OF PROPERLY BARRICADED AND SECURED EXCAVATIONS, INCLUDING ALL EQUIPMENT AND MATERIALS.
8. DRIVING AND/OR STAGING OF CONSTRUCTION VEHICLES IS NOT PERMITTED ON ANY SIDEWALKS IN THE RIGHT-OF-WAY. ANY DAMAGE TO SIDEWALKS WILL BE REPAIRED AND/OR REPLACED IN LIKE KIND BY THE CONTRACTOR.
9. ALL EXISTING DRIVEWAYS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITIONS.

**LAKE COUNTY GENERAL NOTES**

1. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE FDOT INTERMEDIATE MOT LEVEL TRAINING OR EQUIVALENT.
2. TEST RESULTS OF ANY TESTS TAKEN FOR OR DURING CONSTRUCTION OF THE PERMITTED WORK SHALL BE PROVIDED TO THE COUNTY UPON REQUEST.
3. THE CONTRACTOR SHALL NOTIFY THE COUNTY A MINIMUM OF TWENTY FOUR (24) HOURS PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE COUNTY RIGHT-OF-WAY.
4. ALL WORK PERFORMED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE LAKE COUNTY CODES, LATEST EDITION.
5. IF AS-BUILT PLANS ARE REQUIRED, CONTRACTOR TO PROVIDE A RECORD DRAWING REPORT WITH THE PLANS TO THE COUNTY WITHIN 30 DAYS OF COMPLETION.
6. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO COUNTY FACILITIES CAUSED BY CONSTRUCTION OF THE PROJECT.
7. PROPOSED MOT SHALL ADHERE TO THE LAYOUT DEPICTED IN THESE PLANS AND FDOT STANDARD INDICES. ANY CHANGES TO THIS MOT LAYOUT SHALL BE COORDINATED BY FGT WITH LAKE COUNTY AND IS THE RESPONSIBILITY OF FGT.
8. AFTER CONSTRUCTION IS COMPLETE, CONTRACTOR SHALL REMOVE THE TEMPORARY ASPHALT THAT WAS CONSTRUCTED FOR THE TEMPORARY BARRIER WALL AND RESTORE THE RIGHT-OF-WAY TO ITS ORIGINAL CONDITION.














<p><b>Florida Gas Transmission Company</b> An Energy Transfer/Kinder Morgan Affiliate</p> <p><b>URS</b> URS Corporation Southern Tampa, Florida 33607 (813) 266-1711 Engineering License No. 0000002</p>	<p><b>4" LEESBURG HYDROTEST</b></p> <p><b>GENERAL NOTES</b></p>																
<p><b>C-02</b></p>	<p><b>REVISIONS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO	BY	DATE	DESCRIPTION												
NO	BY	DATE	DESCRIPTION														

Drawing Name: 4" Leesburg Hydrotest; Project Name: Leesburg Hydrotest; Date: 08/11/15; 10:48am; User: jk; Job No: 15-02-001; Scale: 1"=100'; Plot Date: 08/11/15 10:48am

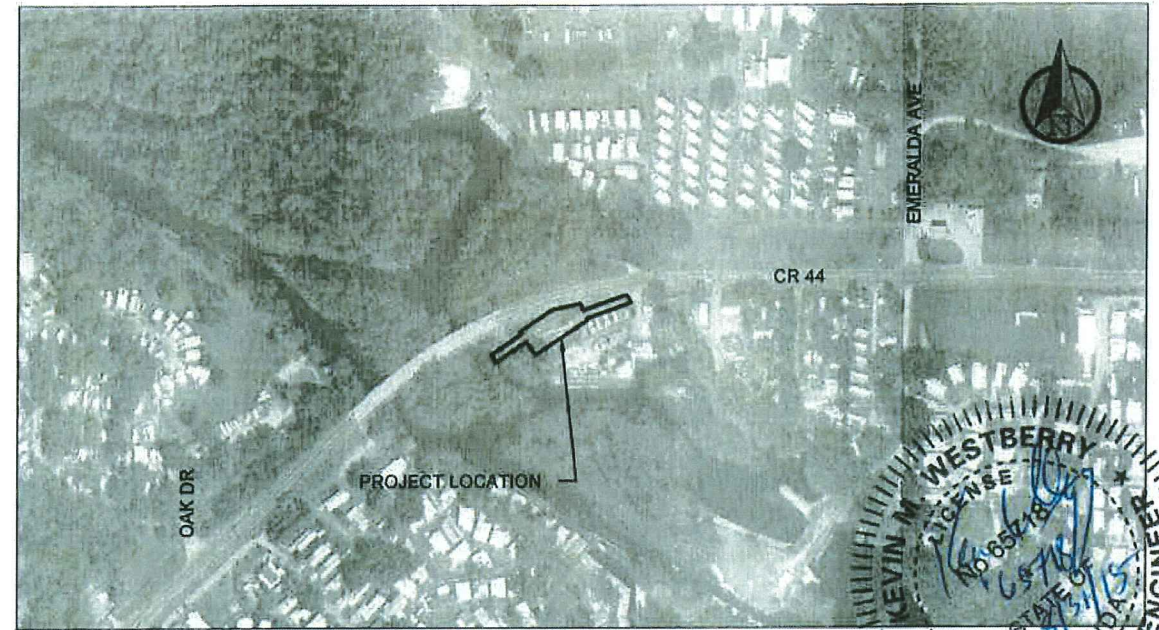


**LEGEND:**

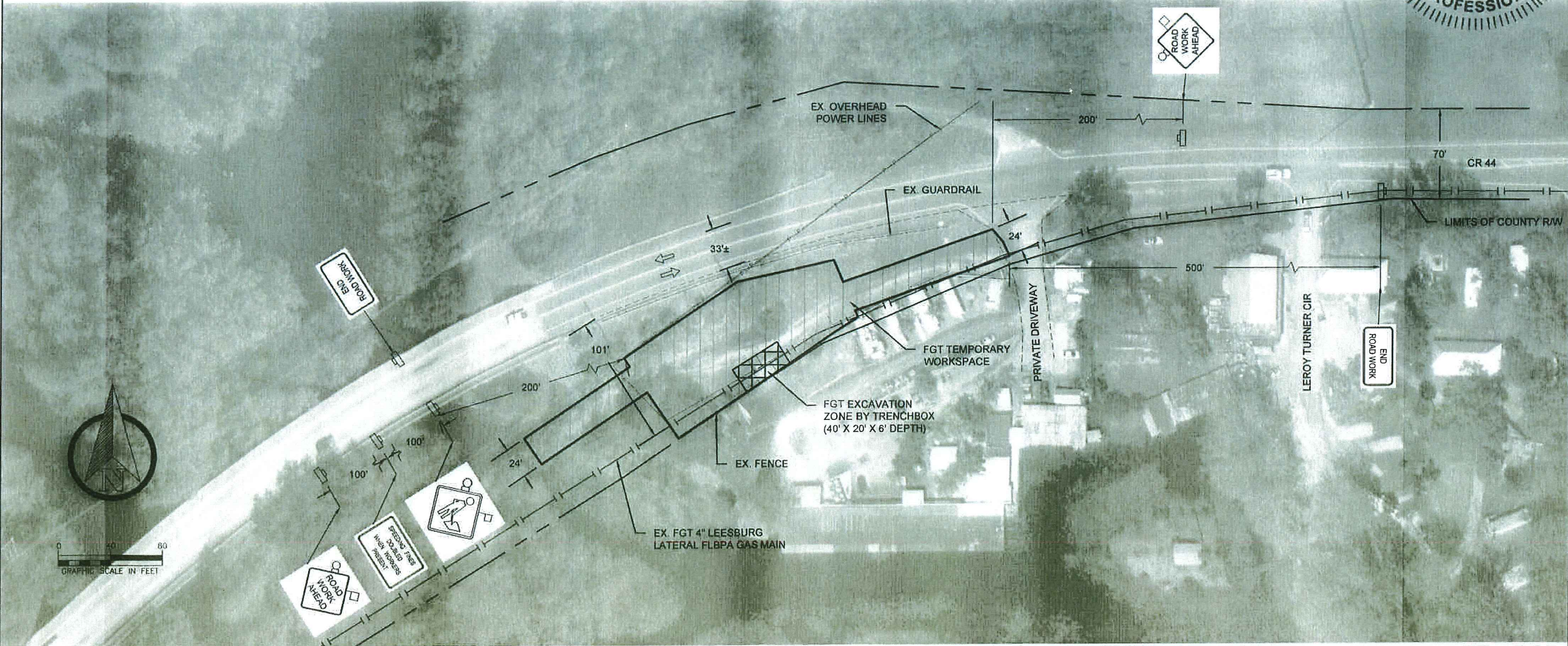
-  CHANNELIZING DEVICE (FDOT INDEX NO. 600)
-  SHEET PILING
-  WORK ZONE SIGN
-  SIGN WITH 18"x18" (MIN.) ORANGE FLAG & TYPE B LIGHT
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY WORK ZONE
-  EXCAVATION ZONE
-  MATTING
-  EXISTING POWER POLE
-  FLAGGER
-  LAW ENFORCEMENT OFFICER (LEO)

**PROJECT GENERAL NOTES:**

1. CONSTRUCTION SHALL OCCUR WITHIN FLORIDA GAS TRANSMISSION COMPANY, LLC'S DESIGNATED WORK ZONE. CONSTRUCTION WILL BEGIN ON SEPTEMBER 14, 2015 AND THE DURATION IS ANTICIPATED TO BE THREE (3) WEEKS.
2. WORKSITE TRAFFIC SUPERVISOR: FLORIDA GAS TRANSMISSION COMPANY, LLC; CONTACT: CHRIS KEARBY; PH: (407) 838-7059; CELL: (407) 342-6889. FGT CONSTRUCTION MANAGER / 24 HOUR CONTACT: SEBASTIAN ROSS; PH: (407) 838-7412; CELL: (321) 508-2928.
3. ALL EXISTING UTILITIES TO BE LOCATED/NOTIFIED PRIOR TO CONSTRUCTION. CONTRACTOR TO CALL "SUNSHINE STATE ONE CALL" (1-800-432-4770) A MINIMUM OF 2 DAYS AND MAX. OF 5 DAYS PRIOR TO START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT OR NEAR THE WORK SITE ON A 24 HOUR BASIS, 7 DAYS A WEEK IN ORDER TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.
5. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00 AM TO 5:30 PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
6. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED IN WRITING BY POLK COUNTY.
7. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE FDOT INTERMEDIATE MOT LEVEL TRAINING OR EQUIVALENT.
8. THE CONTRACTOR SHALL NOTIFY THE COUNTY A MINIMUM OF THREE BUSINESS DAYS PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE COUNTY RIGHT-OF-WAY.
9. THE PERMITTEE SHALL NOTIFY THE COUNTY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION, AND A NOTICE OF FINAL ACCEPTANCE.



VICINITY MAP  
N.T.S.



NO.	DATE	BY	DESCRIPTION

SEAL OF KEVIN M. WESTBERRY  
PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
LICENSE NO. 68574  
EXPIRES 12/31/15

**Florida Gas Transmission Company**  
An Energy Transfer/Kinder Morgan Affiliate

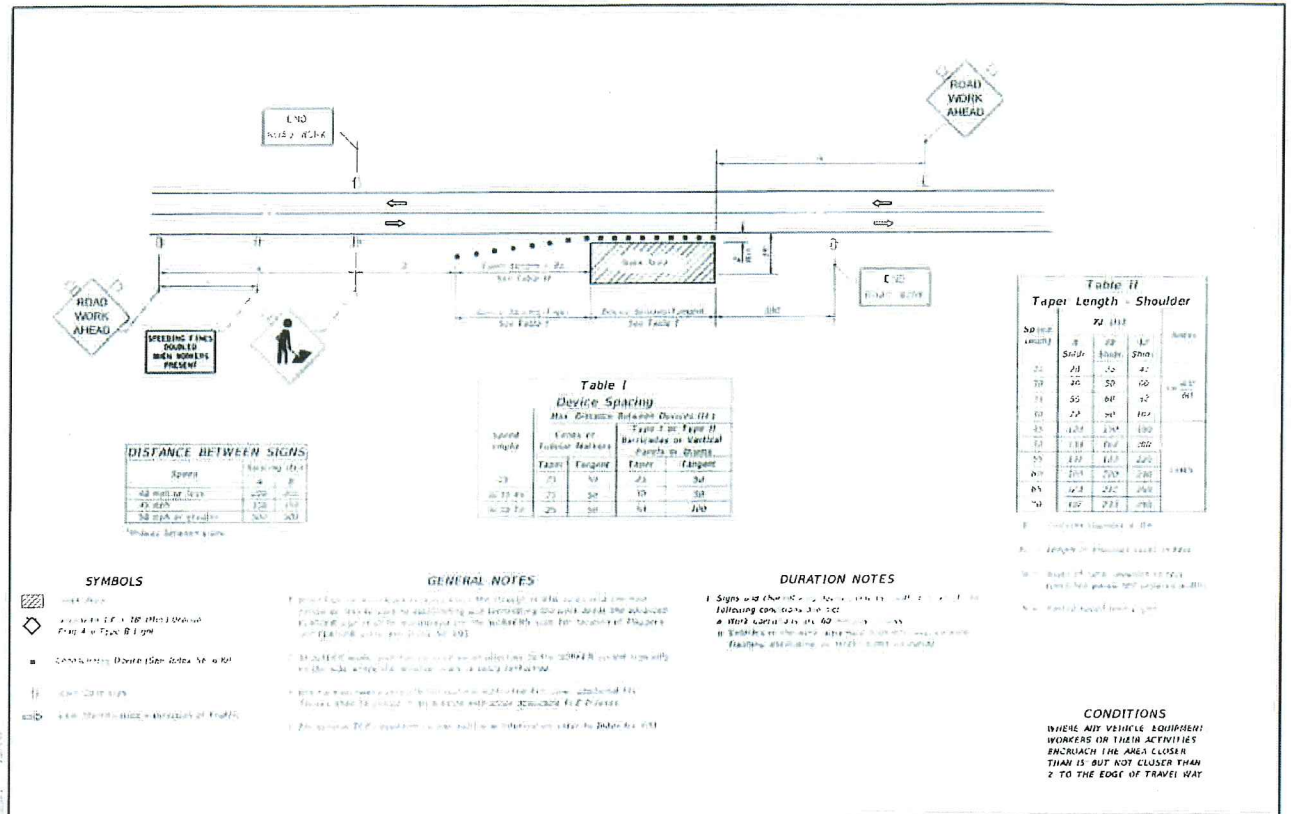
**URS**  
URS Corporation Southern  
7850 W. Courtney Campbell Causeway  
Tampa, Florida 33637 | (813) 296-7111  
Engineering Business No. 10060622

**4" LEEBSBURG HYDROTEST**

**SITE PLAN / MOT PLAN**

**C-03**





**DISTANCE BETWEEN SIGNS**

Signs	Spacing (ft)
48 mph or less	400
50 mph	450
55 mph or greater	500

Minimum Spacing = 400

**Table I  
Device Spacing**  
Max. Distance Between Devices (ft)

Speed (mph)	Cones or Traffic Matrices		Type I or Type II Barricades or Vertical Posts in Rows	
	Taper	Flare	Taper	Flare
25	75	50	25	50
30	75	50	25	50
35	75	50	25	50
40	75	50	25	50
45	75	50	25	50
50	75	50	25	50
55	75	50	25	50
60	75	50	25	50

**Table II  
Taper Length - Shoulder**

Speed (mph)	Type I		Type II	
	Length (ft)	Width (ft)	Length (ft)	Width (ft)
25	25	25	25	25
30	25	25	25	25
35	25	25	25	25
40	25	25	25	25
45	25	25	25	25
50	25	25	25	25
55	25	25	25	25
60	25	25	25	25

**SYMBOLS**

- Work Area
- ◇ Advance Warning Sign (AHEAD)
- Construction Sign (NOISE REDUCTION)
- Speeding Fines Sign
- No Entry Sign
- No Through Trucks Sign

**GENERAL NOTES**

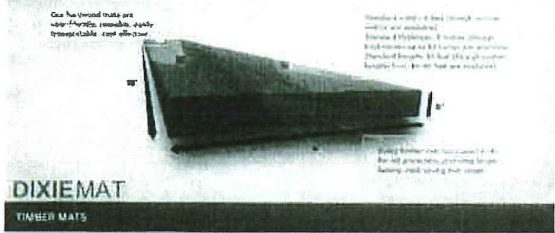
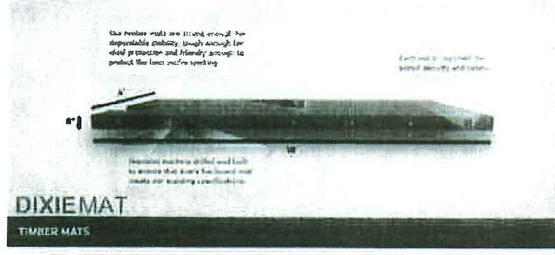
1. Signs and cones shall be placed in accordance with the Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction, Section 602.
2. Signs shall be placed in accordance with the Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction, Section 602.
3. Signs shall be placed in accordance with the Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction, Section 602.

**DURATION NOTES**

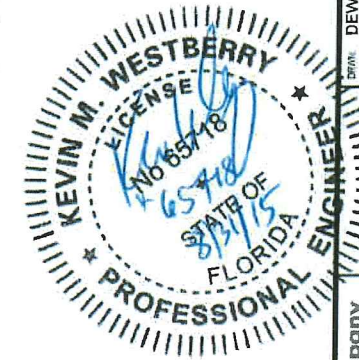
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**CONDITIONS**  
WHERE AIR VEHICLE ADHERENT WORKERS OR THEIR ACTIVITIES ENCOMPASS THE AREA CLOSER THAN IS BUT NOT CLOSER THAN 2 TO THE EDGE OF TRAVEL WAY

LAST REVISION: 07/01/12	DESCRIPTION: 2015 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK ON SHOULDER	INDEX NO: 602	SHEET NO: 1 of 1
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MATTING TYPE (OR FGT-APPROVED EQUAL)



Florida Gas Transmission Company  
An Energy Transfer/Kinder Morgan Affiliate

**URS**  
URS Corporation Southern  
7800 W. Courtney Campbell Causeway  
Tampa, FL 33637  
Engineering Division No. 00000000

4" LEESBURG HYDROTEST

STANDARDS & DETAILS

C-04

NO.	DATE	BY	DESCRIPTION

Drawing Title: 4" Leesburg Hydrotest  
 Drawing Number: 4" Leesburg Hydrotest  
 Drawing Date: 07/01/12  
 Drawing Scale: 1" = 10'-0"  
 Drawing Author: J. M. Westberry  
 Drawing Checker: J. M. Westberry  
 Drawing Approver: J. M. Westberry