



Right-of-Way Utilization Permit

Please complete a separate application for each road

Date: <u>8/31/15</u> Florida Gas Transmission Company, LLC (FGT) Business / Applicant's Name: <u>2405 Lucien Way, Suite 200</u> Applicant's Street Address <u>Maitland, FL 32751</u> Applicant's City, State, Zip <u>(407) 838-7054</u> <u>terry.coleman@energytransfer.com</u> Telephone Number Applicant's e-mail address	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">03</td> <td style="text-align: center;">/ 19S</td> <td style="text-align: center;">/ 26E</td> </tr> <tr> <td style="text-align: center;">Section</td> <td style="text-align: center;">Township</td> <td style="text-align: center;">Range</td> </tr> <tr> <td colspan="3"><u>CR 452</u></td> </tr> <tr> <td colspan="3">Project Road Name</td> </tr> <tr> <td colspan="3"><u>N/A</u></td> </tr> <tr> <td colspan="3">Subdivision and/or Site Plan Name (if applicable)</td> </tr> <tr> <td colspan="3" style="text-align: center;"><u>9-2-15 C C</u></td> </tr> <tr> <td style="text-align: center;">Paid</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Rec'd By</td> </tr> </table>	03	/ 19S	/ 26E	Section	Township	Range	<u>CR 452</u>			Project Road Name			<u>N/A</u>			Subdivision and/or Site Plan Name (if applicable)			<u>9-2-15 C C</u>			Paid	Date	Rec'd By
03	/ 19S	/ 26E																							
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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 452 for pipe access and/or staging/unloading of vehicles.

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

 Signature of Applicant	<u>Terry Coleman, Sr. R/W Agent</u> Applicant (Print Name)
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Road #	<u>6743</u>	To be completed by County Staff	
Permit #	<u>6877</u>	Permit Fee: \$100.00	Fee Code: PWRW
Checked by:		Date Checked:	<u>9-1-15</u>
Approved by:	<u>Terry Coleman</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>11</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, 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

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 1
Attachments: 4inLeesburgHydro ROWapp Site 1.pdf; 4 in Leesburg Hydro utility_notification.pdf; 2015-09-01_4inLeesburgHydro Site 1 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 1**.

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 452 for pipe access and/or staging/unloading of vehicles. 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

AECOM
7650 W. Courtney Campbell Cswy
Tampa, Florida 33607
T 1-813-286-1711 F 1-813-286-6587
www.aecom.com

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.

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

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

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

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)

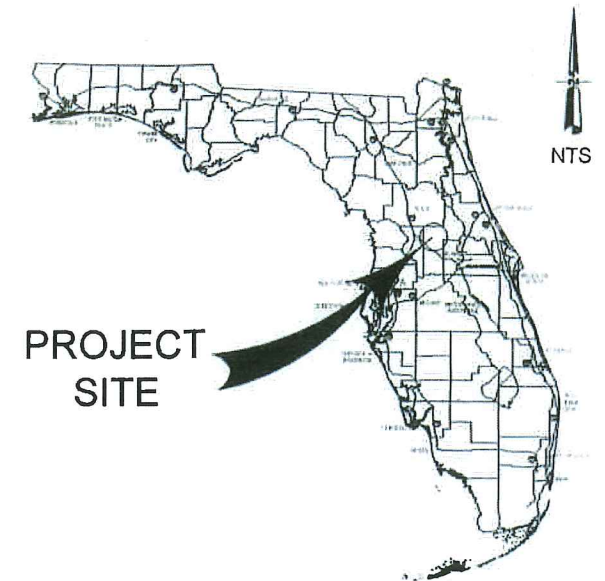
4" LEESBURG HYDROTEST

LAKE COUNTY, FLORIDA

PREPARED FOR:

FLORIDA GAS TRANSMISSION
COMPANY, LLC (F.G.T.)

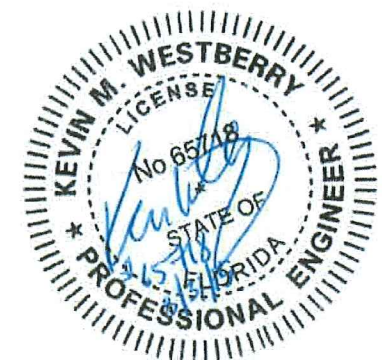
2405 LUCIEN WAY, SUITE 200
MAITLAND, FL 32751



SITE MAP

INDEX OF DRAWINGS

TITLE	SHEET NO.
COVER SHEET	C-01
GENERAL NOTES	C-02
SITE PLAN / M.O.T. PLAN	C-03
STANDARDS & DETAILS	C-04



PREPARED BY:

URS

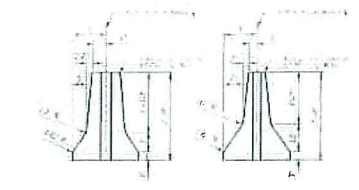
URS Corporation Southern
7650 W. Courtney Campbell Cswy.
Tampa, Florida 33607
Fax: (813) 636-2499 Tel: (813) 286-1711
Engineering Business No. 00000002

4" LEESBURG HYDROTEST

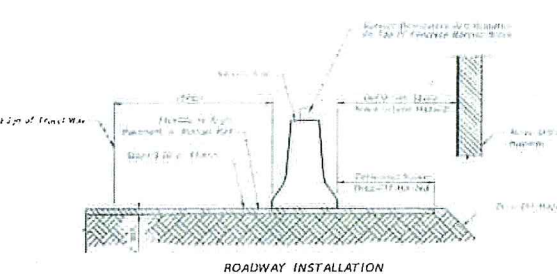
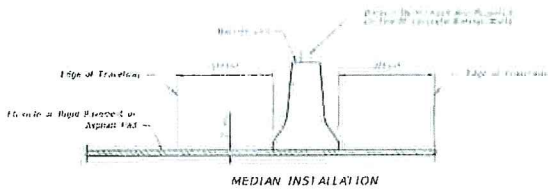
ISSUED		SITE & TRAFFIC CONTROL/M.O.T. PLANS	
NO	DATE	DESCRIPTION	XXXXXXXX K WESTBERRY K WESTBERRY K WESTBERRY SHEET PRAGER C-01
1	8/31/15	R/O/W PERMIT SUBMISSION	

GENERAL NOTES

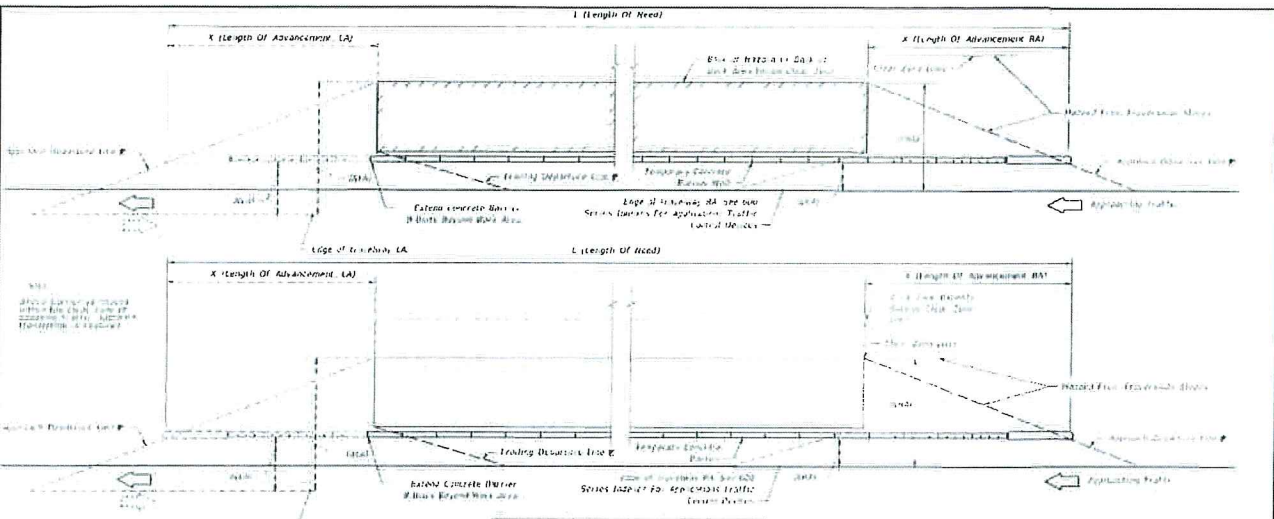
1. Temporary concrete barrier systems shall be installed in accordance with the following:
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19. The barrier shall be installed in accordance with the following:
20. The barrier shall be installed in accordance with the following:



END VIEWS
REINFORCEMENT AND OTHER UNIT FABRICATION DETAILS NOT SHOWN
PERMITTED BARRIER UNIT END VIEWS



Installation	Shielding	Clearance	Deflection
Above Roadway	45 mph or less	2 ft	2 ft
	50 mph or greater	4 ft	4 ft
Below Roadway	45 mph or less	2 ft	2 ft
	50 mph or greater	4 ft	4 ft
At Roadway Edge	45 mph or less	2 ft	2 ft
	50 mph or greater	4 ft	4 ft



CLEAR ZONE WIDTHS FOR WORK ZONES

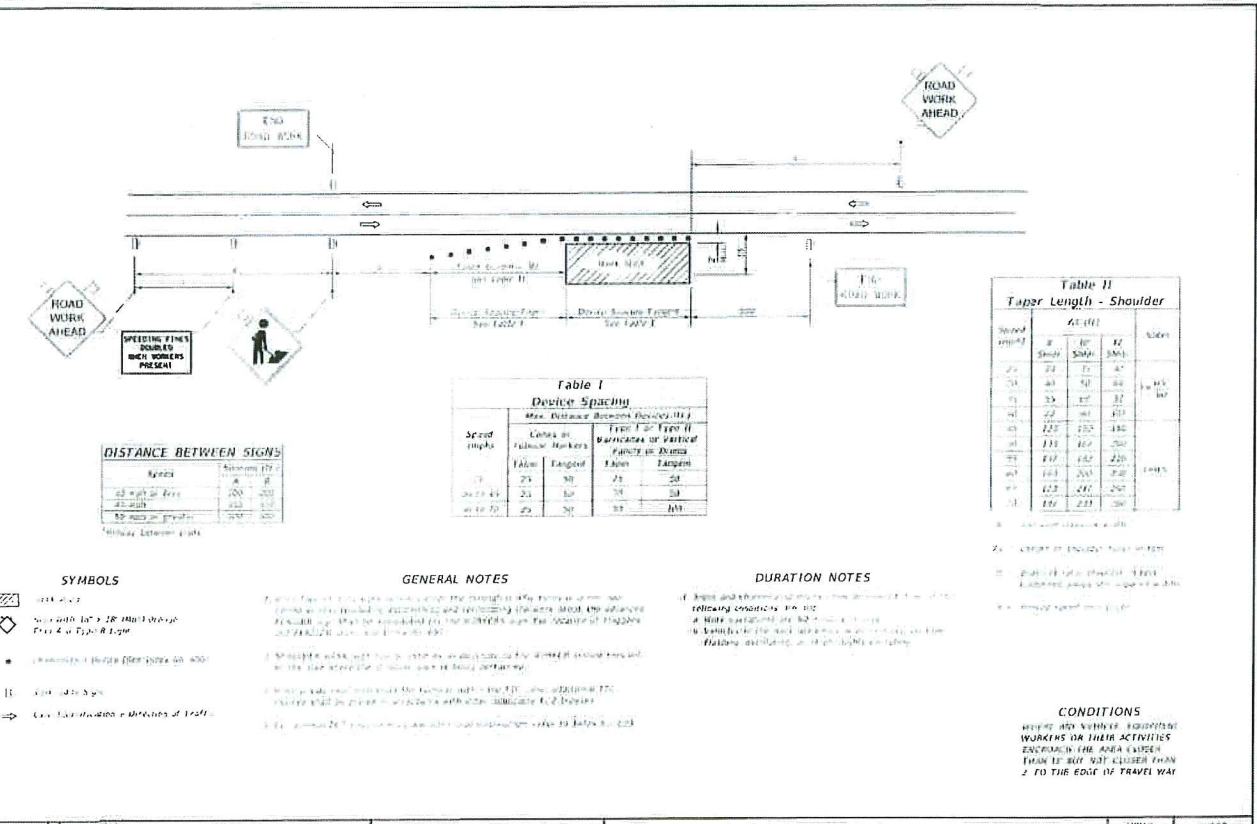
The clear zone width is the distance from the edge of the travel way to the edge of the barrier. The table below shows clear zone widths for various work zone types. The table is based on the following assumptions: ...

WORK ZONE SPEED (mph)	TRAVEL LANES & MULTILANE RAMP (feet)	ADJACENT LANES & SINGLE LANE RAMP (feet)
45-50	30	15
55	35	20
60-65	40	25
70-75	45	30
80-85	50	35
90-95	55	40
100-105	60	45

LEGEND

- AA Left Approach
- AB Right Approach
- AC Departure Bay
- AD For Speeds 45-50
- AE For Speeds 55-65
- AF For Speeds 70-75
- AG For Speeds 80-85
- AH For Speeds 90-95
- AI For Speeds 100-105

Equation Variables:
 Length of Need = The distance from the edge of the travel way to the edge of the barrier.
 Length of Advance = The distance from the edge of the travel way to the edge of the barrier.
 Length of Recovery = The distance from the edge of the travel way to the edge of the barrier.
 Departure Bay = A free roadway from the point of departure to the edge of the barrier.



Speed (mph)	Length of Advance (ft)	Length of Recovery (ft)
45	275	135
50	300	150
55	325	165
60	350	180
65	375	195
70	400	210
75	425	225
80	450	240
85	475	255
90	500	270
95	525	285
100	550	300

Speed (mph)	8' Shoulder	10' Shoulder	12' Shoulder
45	275	300	325
50	300	325	350
55	325	350	375
60	350	375	400
65	375	400	425
70	400	425	450
75	425	450	475
80	450	475	500
85	475	500	525
90	500	525	550
95	525	550	575
100	550	575	600

DIXIEMAT TIMBER MATS

The DIXIEMAT mats are made of high quality timber and are designed to provide a stable, durable surface for heavy machinery and vehicles on soft or uneven ground. They are easy to install and remove, and can be used in a variety of applications including construction, agriculture, and off-road travel.



Florida Gas Transmission Company
An Energy Transfer/Kinder Morgan Affiliate

URS
URS Corporation Southern
10000 Florida Blvd, Suite 100
Tampa, Florida 33607 (813) 246-7171
Engineering Business No. 00000002

4" LEESBURG HYDROTEST

STANDARDS & DETAILS

C-04

MATTING TYPE (OR FGT-APPROVED EQUAL)