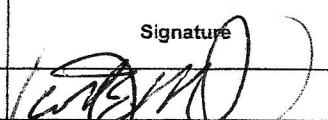


## UTILITY PERMIT

16-H-496-0453-93060

PERMIT NO.:	SECTION NO.: 93060	STATE ROAD 91A	COUNTY Palm Beach
FDOT construction is proposed or underway.		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is this work related to an approved Utility Work Schedule?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PERMITTEE: City of Delray Beach John Morgan Dir of Enviromental Services		Financial Project ID:	
ADDRESS: 434 South Swinton		TELEPHONE NUMBER: (561) 243-7322	
CITY/STATE/ZIP: Delray Beach, FL 33444			
The above PERMITTEE requests permission from the State of Florida Department of Transportation, hereinafter called the FDOT, to construct, operate and maintain the following: working in row to install three(3) 1" water services tap 8" main, set meter boxes@ 900 S Ocean per Delray specs			
FROM: 900 S Ocean Delray Beach 8.961		TO: 900 S Ocean Delray Beach 8.961	
Submitted for the PERMITTEE by: Name and Company (Typed or Printed Legibly)	Contact Information Address/Telephone/E-Mail (if applicable)	Signature	Date
Scott Ellsworth Line Tec Inc.	241 NW 18th Ave., Delray Beach, FL 33444 561-279-1032 scott@linetecinc.com		11/28/16

Seagate extension just S/O Bashinia Rd

- The Permittee declares that prior to filing this application, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans and a letter of notification was mailed on \_\_\_\_\_ to the following utilities known to be involved or potentially impacted in the area of the proposed installation:
- The local Maintenance or Resident Engineer, hereafter referred to as the FDOT Engineer, shall be notified a minimum of forty eight (48) hours in advance prior to starting work and again immediately upon completion of work. The FDOT's Engineer is B.T. Drouin, located at 7900 F Hill Blvd, Telephone Number 561-452-4966. The Permittee's employee responsible for MOT is \_\_\_\_\_, Telephone Number \_\_\_\_\_. (This name may be provided at the time of the forty eight (48) hour advance-notice prior to starting work).
- All work, materials, and equipment shall be subject to inspection and approval by the FDOT Engineer.
- All plans and installations shall conform to the requirements of the FDOT's UAM in effect as of the date this permit is approved by FDOT, and shall be made a part of this permit. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- This Permittee shall commence actual construction in good faith within 45-180 days after issuance of permit, and shall be completed within 45-180 days after the permitted work has begun. If the beginning date is more than sixty (60) days from the date of permit approval, the Permittee must review the permit with the FDOT Engineer to make sure no changes have occurred to the Transportation Facility that would affect the permitted construction.
- The construction and maintenance of such utility shall not interfere with the property and rights of a prior Permittee.
- It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder, except as provided in executed subordination and Railroad Utility Agreements.
- Pursuant to Section 337.403, Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by FDOT 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 FDOT, be removed or relocated by such utility at its own expense except as provided in Section 337.403(1), Florida Statutes, and except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements, and shall apply to all successors and assigns for the permitted facility.
- It is agreed that in the event the relocation of said utilities are scheduled to be done simultaneously with the FDOT's construction work, the Permittee will coordinate with the FDOT before proceeding and shall cooperate with the FDOT's contractor to arrange the sequence of work so as not to delay the work of the FDOT's contractor, defend any legal claims on the job site at all times during the construction of this facility, and shall comply with all provisions of the law and the FDOT's current UAM. The Permittee shall not be responsible for delay beyond its control.
- In the case of non-compliance with the FDOT's requirements, if the permit is approved, this permit is void and the facility will have to be brought into compliance or removed from the R/W at no cost to the FDOT, except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the Permittee, and the Permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless the State of Florida and the FDOT 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 Permittee of the aforesaid rights and privileges.
- During construction, all safety regulations of the FDOT shall be observed and the Permittee must take measures, including placing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal MUTCD, as amended by the UAM.
- Should the Permittee be desirous of keeping its utilities in place and out of service, the Permittee, by execution of this permit acknowledges its present and continuing ownership of its utilities located between \_\_\_\_\_ and \_\_\_\_\_ within the FDOT's R/W as set forth above. Whenever the Permittee removes its facilities, it shall be at the Permittee's sole cost and expense. The Permittee, at its sole expense, shall promptly remove said out of service utilities whenever the FDOT determines said removal is in the public interest.
- In the event contaminated soil is encountered by the Permittee or anyone within the permitted construction limits, the Permittee shall immediately cease work and notify the FDOT. The FDOT shall notify the Permittee of any suspension or revocation of the permit to allow contamination assessment and remediation. Said suspension or revocation shall remain in effect until otherwise notified by FDOT.
- For any excavation, construction, maintenance, or support activities performed by or on behalf of the FDOT, within its R/W, the Permittee may be required by the FDOT or its agents to perform the following activities with respect to a Permittee's facilities: physically expose or direct exposure of

16-H-496-0453-93060



## UTILITY PERMIT

710-010-85  
UTILITIES  
OGC 08/10

underground facilities, provide any necessary support to facilities and/or cover, de-energize or alter aerial facilities as deemed necessary for protection and safety.

16. Pursuant to Section 337.401(2), Florida Statutes, the permit shall require the permit holder to be responsible for damage resulting from the issuance of the permit. The FDOT may initiate injunctive proceedings as provided in s.120.69 to enforce provisions of this subsection or any rule or order issued or entered into pursuant thereto.
17. Pursuant to Section 337.402, Florida Statutes, when any public road or publicly owned rail corridor is damaged or impaired in any way because of the installation, inspection, or repair of a utility located on such road or publicly owned rail corridor, the owner of the utility shall, at his or her own expense, restore the road or publicly owned rail corridor to its original condition before such damage. If the owner fails to make such restoration, the authority is authorized to do so and charge the cost thereof against the owner under the provisions of s.337.404.
18. The Permittee shall comply with all provisions of Chapter 556, Florida Statutes, Underground Facilities Damage Prevention and Safety Act.
19. Special FDOT instructions: \_\_\_\_\_

**SEE ATTACHMENT "A"**

It is understood and agreed that commencement by the Permittee is acknowledgment and acceptance of the binding nature of all the above listed permit conditions and special instructions.

20. By receipt of this permit, the Permittee acknowledges responsibility to comply with Section 119.07, Florida Statutes..
21. By the below signature, the Permittee hereby represents that no change to the FDOT's standard Utility Permit form, as incorporated by reference into Rule 14-46.001, for this Utility Permit has been made which has not been previously called to the attention of the FDOT (and signified to by checking the appropriate box below) by a separate attached written document showing all changes and the written and dated approval of the FDOT Engineer. Are there attachments reflecting change/s to the standard form? ☒ NO ☐ YES If Yes, \_\_\_\_\_ pages are attached.

PERMITTEE	John Morgan, Director of Env. Svc's City of Delray Beach	SIGNATURE	<i>John Morgan</i>	DATE:	10/25/2016
	Name & Title of Authorized Permittee or Agent (Typed or Printed Legibly)				
APPROVED BY:	<i>[Signature]</i>			ISSUE DATE:	11/9/16
	District Maintenance Engineer or Designee				

## UTILITY PERMIT FINAL INSPECTION CERTIFICATION

DATE:		
DATE WORK STARTED:		
DATE WORK COMPLETED:		
INSPECTED BY:		
	(Permittee or Agent)	
CHANGE APPROVED BY:		DATE:
	District Maintenance Engineer or Designee	

I the undersigned Permittee do hereby CERTIFY that the utility construction approved by the above numbered permit was inspected and installed in accordance with the approved plans made a part of this permit and in accordance with the FDOT's current UAM. All plan changes have been approved by the FDOT's Engineer and are attached to this permit. I also certify that the work area has been left in as good or better condition than when the work was begun.

PERMITTEE:	SIGNATURE:	DATE:
Name & Title of Authorized Permittee or Agent (Typed or Printed Legibly)		

CC: District Permit Office  
Permittee

**SPECIAL PROVISIONS/CONDITIONS  
UTILITY PERMITS  
DIRECTIONAL & JACK & BORES  
ATTACHMENT "A"**

All new or replaced underground facilities within the Right of Way shall be made electronically detectable using techniques available in the industry.

It is the Permittee's responsibility to obtain final acceptance of permitted work (completed) and the restoration of the Right of Way from the Department prior to usage.

Permittee will restore the Right of Way as a minimum, to its original condition or better in accordance w/FDOT's Standard Specifications for Road & Bridge Construction or as directed by the Resident Operations Engineer.

Permittee will ensure that all locates have been performed prior to scheduling of any permitted work activities. This shall include soft digs to verify vertical & horizontal alignment.

All maintenance of traffic (MOT) will be in accordance with the Department's current edition of the Design Standards, (600 series). The Operations Engineer or his designee reserves the right to direct the removal/relocation/modification of any traffic device(s) at the Permittee's sole expense.

Restricted hours of operation will be from 9:00 am to 3:30 pm, (Monday thru Friday), unless otherwise approved by the Operations Engineer, or designee.

Permit is valid for six (6) months from the date of issue.

Permittee shall use the current editions of the Department's Design Standards, Standard Specifications for Road and Bridge Construction and applicable manuals, policies and procedures.

**PERMITTEE: PLEASE NOTE:**

Permittee's contractors that are performing permitted work activities shall provide the Department (Permits Office) proof of a proper state contractor's license and certificate of liability insurance prior to any commencement of permitted work.

*All HDPE conduit used for traffic signals or other electrically powered or operated traffic control devices, shall use a Standard Dimension Ratio of 11 (SDR 11).*

Sodded areas will be in accordance with Standard Index 105 and Sections 162, 575, 981, 982, 983 of the Department's Standard Specifications (latest editions). All disturbed areas will be sodded within one (1) week of installation of said permitted work.

Permittee shall coordinate all work with David Moore of Broadspectrum @ 954-317-8044 or email: david.moore@broadspectrum.com

All utility poles, mast arm assemblies, strain poles, down guys, electrical switches, electronic cabinets, sign(s), fire hydrants, pedestals, wells & pump head assemblies & associated above ground irrigation, control panels & appurtenances shall be installed in accordance with Standard Index 700, latest edition.

Permittee shall provide exact location of water main to be tapped to this office for review and approval prior to commencing permitted work.

Permittee will provide the Department with certified "As-Built" plans prior to final acceptance of the permitted work.

No OPEN CUTTING of asphaltic concrete pavement within the Department's right-of-way is authorized by this permit.

Permittee will provide the necessary densities in accordance w/Section 125-8 of the Standard Specifications for Road & Bridge Construction, (latest edition) prior to final acceptance by the Department.

Permittee is not authorized to perform any tunneling activities under the sidewalk areas. Sidewalk shall be removed and replaced per FDOT Department standards, for installation of conduit.



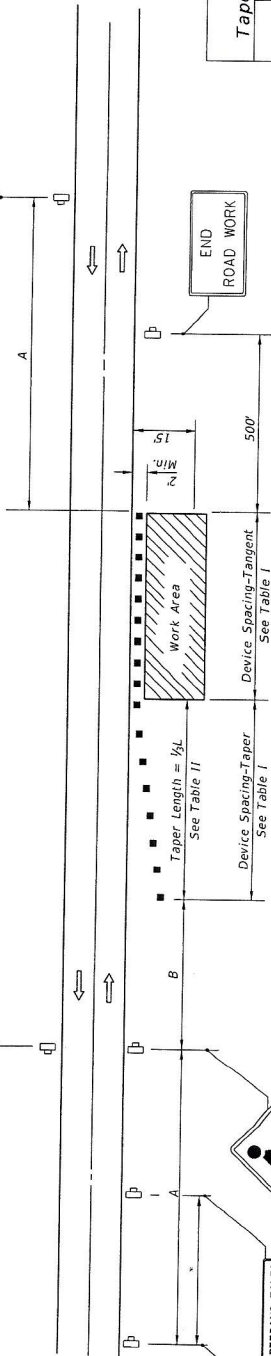


Table II  
Taper Length - Shoulder

Speed (mph)	$\frac{1}{2}L$ (ft)			Notes
	8" Shldr.	10" Shldr.	12" Shldr.	
25	28	35	42	
30	40	50	60	$WS' = 60$
35	55	68	82	
40	72	90	107	
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	$L=WS$
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

$\frac{1}{2}L$  = Length of shoulder taper in feet

W = Width of total shoulder in feet  
(combined paved and unpaved width)

S = Posted speed limit (mph)

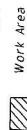
#### DURATION NOTES

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

#### GENERAL NOTES

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

#### SYMBOLS



Channelizing Device (See Index No. 600)



Lane Identification + Direction of Traffic

Table I  
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)				
	Cones or Tubular Markers	Type I or Type II Barricades or Vertical Panels or Drums	Taper	Tangent	Tangent
25	25	50	25	50	50
30 to 45	25	50	30	50	50
50 to 70	25	50	50	50	100

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\*Midway between signs.

#### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT,  
WORKERS OR THEIR ACTIVITIES  
ENCROACH THE AREA CLOSER  
THAN 15' BUT NOT CLOSER THAN  
2' TO THE EDGE OF TRAVEL WAY.

DESCRIPTION:

LAST  
REVISION  
07/01/15

FDOT  
DESIGN STANDARDS

2016

TWO-LANE, TWO-WAY, WORK ON SHOULDER

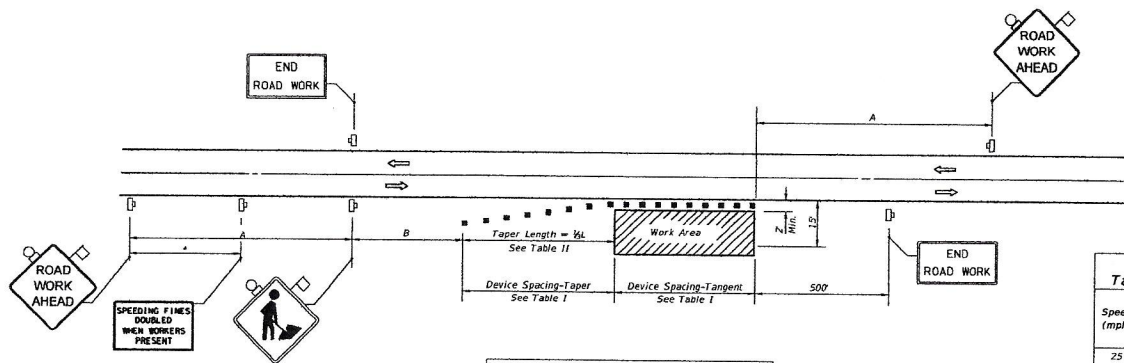
INDEX  
NO.

602

SHEET  
NO.

1 of 1





DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\*Midway between signs.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II Taper Length - Shoulder				
Speed (mph)	L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L = \frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	$L = WS$
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

$L$  = Length of shoulder taper in feet

$W$  = Width of total shoulder in feet (combined paved and unpaved width)

$S$  = Posted speed limit (mph)

#### SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channellizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

#### GENERAL NOTES

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
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  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

#### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRDACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

LAST REVISION  
07/01/12



FDOT 2014  
DESIGN STANDARDS

TWO-LANE, TWO-WAY, WORK ON SHOULDER

INDEX NO.  
602

SHEET NO.  
1 of 1

