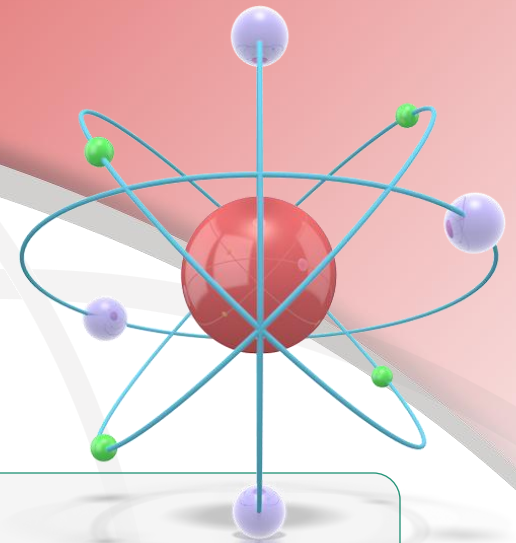




Temporary Signalization, Litter Removal and Mowing

Melissa Hollis,
Basis of Estimates Coordinator
State Specifications and Estimates Office

Summary



History

Temporary Signals
Supplemental Specification **SS1020000**

Signals

Temporary Signalization and Maintenance

Detection

Temporary Traffic Detection and Maintenance

History

Performance Turf
Supplemental Specification **SS1070000**

Mowing

Litter Removal and Mowing

Temporary Signals- History

Partnership
between FDOT
and Industry

TEMPORARY SIGNALS

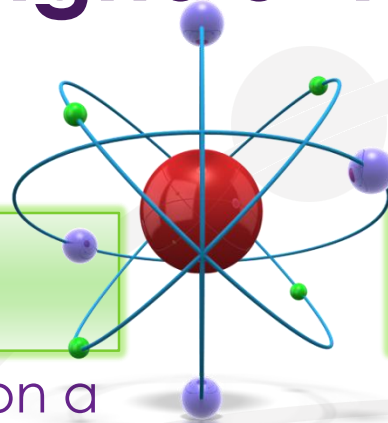
PAST

- Payment was based on a **limited number of days** when temporary signals were in operation.
- No separate payment for “maintenance issues”.
- No separate payment for “on-call” status.

SIGNALIZATION AND MAINTENANCE

PRESENT

- Number of intersections for **the full duration of the contract.**
- Includes aligning signal heads for lane shifts.
- Includes “maintenance issues”.
- Includes “on-call” days.
- **Used on all projects where construction may impact existing signals.**

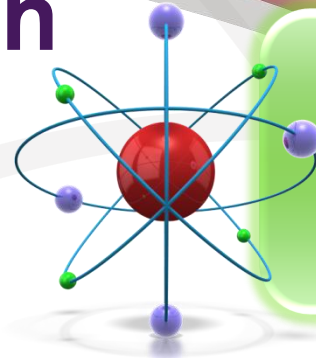


• Temporary Signalization

- Supplemental Spec SS1020000

• Signalization and Maintenance

- Temporary poles, span wires
- Portable signals
- Adding/shifting signal heads
- Trouble calls
- Maintaining timing and preemption
- Restore loss within 12 hours



**Consistent,
Predictable,
Repeatable**

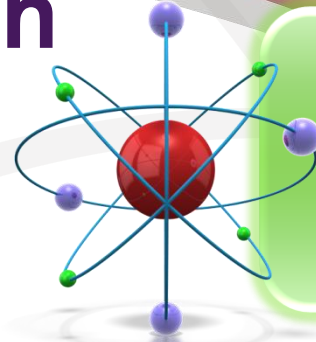


• Temporary Signalization

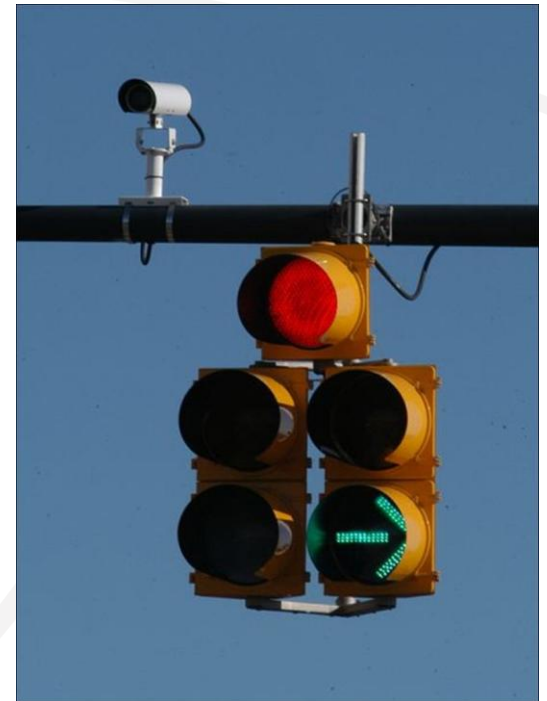
- Supplemental Spec SS1020000

• Detection and Maintenance

- Temporary Detection w/
product on APL;
- Restore loss within 12 hours;
- Ensure 90% accuracy per
signal phase;
- Signals are detecting and
changing to meet traffic
needs.



**Consistent,
Predictable,
Repeatable**



•Temporary Signalization

Must be summarized in the plans

Summary of Temporary Signalization													
Phase	Duration	102-104 Temp Signals & Maintenance, per intersection- Each Day						102-107-1Temp Detection & Maintenance, per intersection- Each Day					
		Existing			Temporary			Existing			Temporary/New		
	Days	#	P	F	#	P	F	#	P	F	#	P	F
1	30	5	150					5	150				
2	60	5	300		2	120		5	300		2	120	
3	60	5	300		3	180		5	300		3	180	
4	30	5	150					5	150				
5	30	5	150					5	150				
Subtotal	210	ED	1050			300		ED	1050			300	
Total- Preliminary		ED	1350					ED	1350				
Total- Final		ED						ED					

Estimate: Include the **FULL contract time**, not just the “signals phase” or number of adjustments

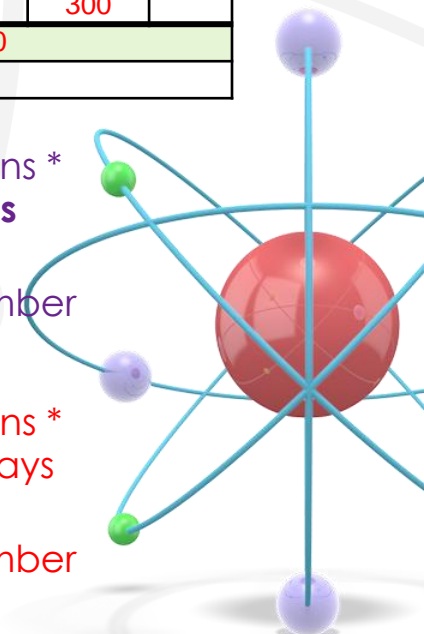
Payment: based on the **actual** number of days

Existing Intersections * **total contract days**
+ Temporary Intersections * number of **estimated days**

Existing Intersections * **actual** contract days
+ Temporary Intersections * number of **actual** days

Existing Intersections * **total contract days**
+ Temporary Intersections * number of **estimated days**

Existing Intersections * **actual** contract days
+ Temporary Intersections * number of **actual** days

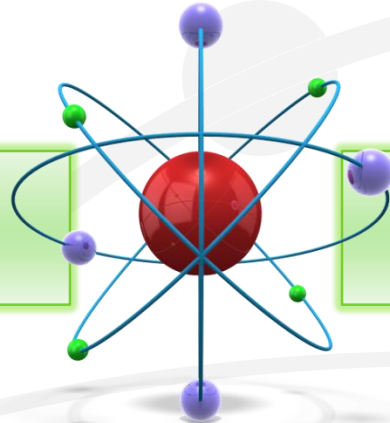


Performance Turf- History

Ongoing changes to meet the needs of Design and Construction

PERFORMANCE TURF PAST

- Place the sod or seed
- Maintain it
- Payments based on the turf area
- No separate payment for maintenance operations



LITTER REMOVAL AND MOWING PRESENT

- “Green areas” are addressed for litter removal and mowing cycles
- Additional litter removal cycles may be completed, when grass is dormant.
- **What about urban areas with minimal/no mowing?**



•Litter Removal and Mowing

Must be summarized in the plans

Summary of Litter Removal and Mowing

Const Phase	Durat. (Days)	Freq. (Days)	Litter Removal			Mowing			Remarks
			Cycles	Area		Cycles	Area		
				Ac/ cycle	Total		Ac/ cycle	Total	
1	65	30	2	1.2		2	1.2		
2	130	30	4	2.4		4	2.4		
3	80	30	3	2.6		3	2.6		
			Total	P		Total	P		
				F			F		

Estimate: green areas to be maintained

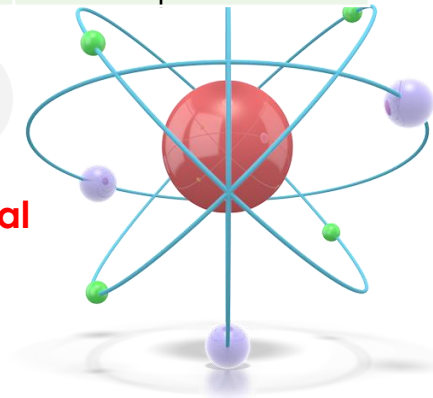
Payment: based on the **actual** number of cycles completed

Litter Removal from "green areas"

Payment for **actual** number of cycles completed

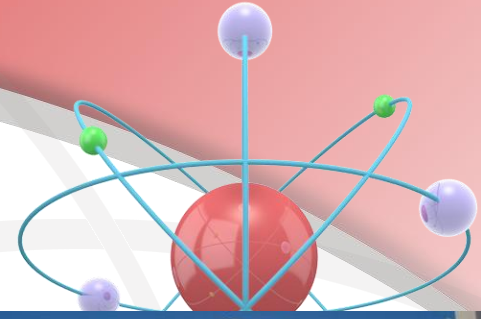
Mowing of "green areas"

Payment for **actual** number of cycles completed



• Litter and Mowing

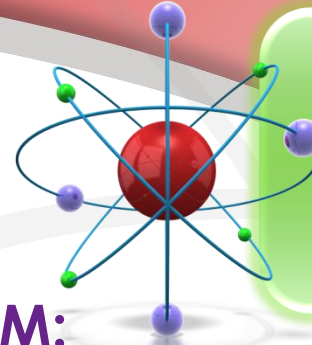
Sample Locations



Photos courtesy of
www.seefloridago.com

• Litter Removal

- Supplemental Spec SS1070000



Consistent,
Predictable,
Repeatable

- **Litter Removal and Mowing, per PPM:**

- The **litter removal and mowing areas** for each construction phase are based on the total area of **existing and proposed turf or vegetation to be mowed** within the project limits.

- **30 day cycles**

15 day cycles: not reasonable for maintenance;
20, 35, 40 day cycles: not consistent

- **Urban Areas with minimal/no mowing:**

- **Coordinate with District Maintenance** until further guidance is available;
- Edge of travel way to R/W;
- Areas identified in the plans.

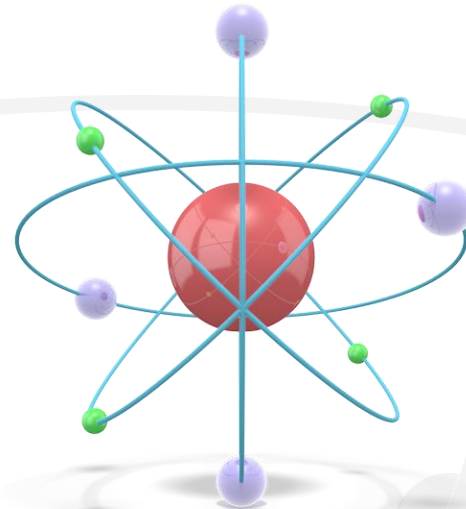
•Thank You for your time.

Contact Database

Updated instructions for litter removal and mowing will be sent to all BOE and PPM registered users through the Contact Database.

If you are not registered, please see the registration link on either the BOE or PPM web page.

<http://www.dot.state.fl.us/projectmanagementoffice/contactdatabase.shtm>



•Thank You for your time.

Estimates Office

Project Specific Estimates Issues:

FDOT Project Manager

District Estimates Engineer

BOE Questions/Suggestions:

Melissa Hollis

State Specifications and Estimates Office

Melissa.Hollis@dot.state.fl.us

