



DIVISION OF ENGINEERING  
 Office of Bridge and Traffic Safety  
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 Bob Pierce, General Supervisor

**OFFICE OF BRIDGE AND TRAFFIC SAFETY**

**SPRING SEASONAL REPORT 2019**

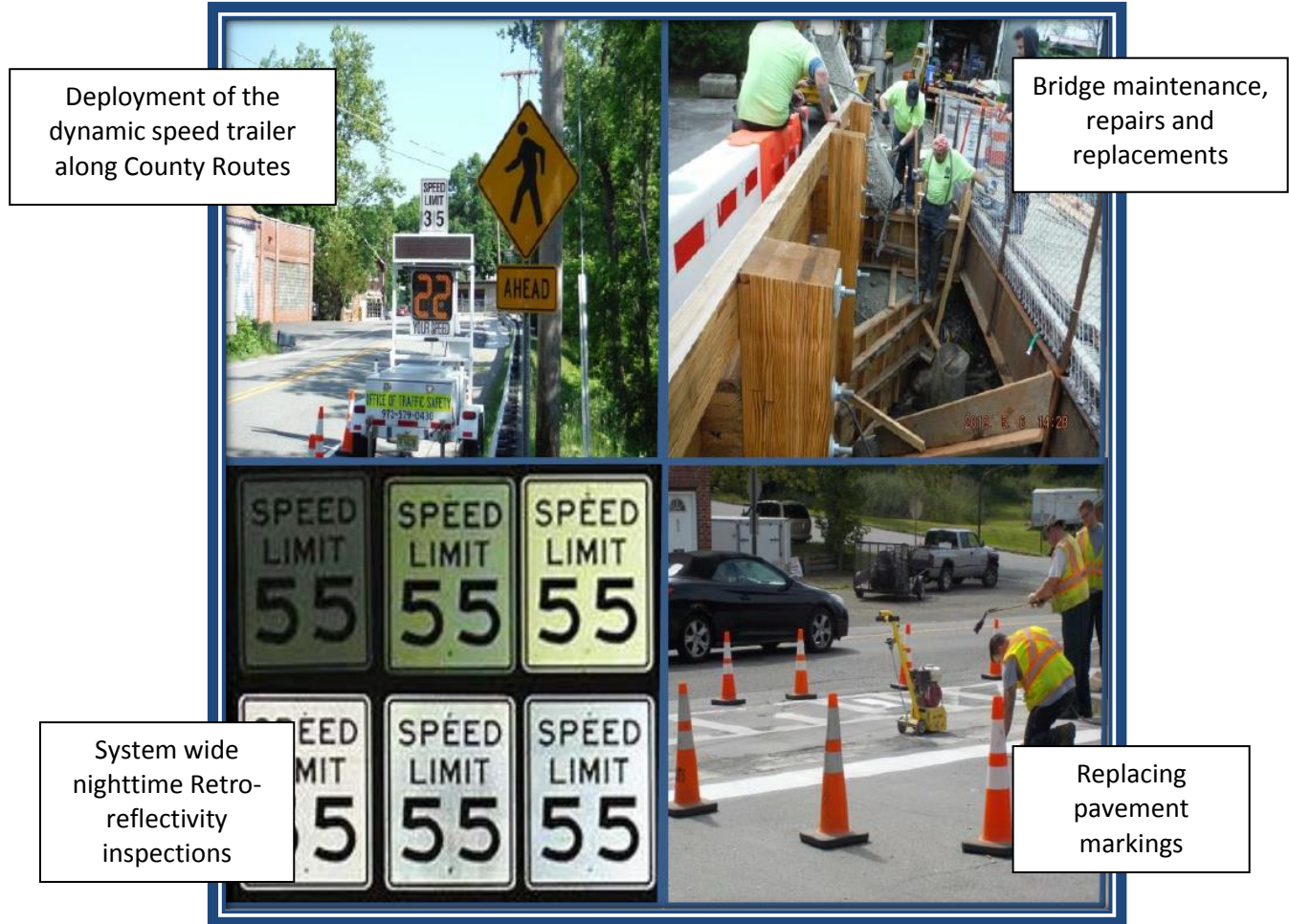
**2019 SPRING SEASON OPERATIONS**

**March, April, May, June 2019**

**Overview:**

During the Spring months, The Office of Bridge and Traffic Safety is focused on the following tasks:

- Traffic Safety
  - Complete inspection/evaluation of long lines, signs (14,000+) and pavement markings (1,200+)
  - Scheduled sign replacements
  - Sign fabrication
  - Conduct nighttime Retro-reflectivity Inspections
- Signals:
  - Maintenance of existing traffic signal systems
  - Deployment of dynamic speed trailer (starting in May)
  - Continue inspections of the existing traffic signal systems
- Bridge Crew
  - Complete replacement of Bridge D-21 on Armstrong Rd
  - Bridge repair work orders
  - Bridge maintenance program begins
  - Routine Monitoring



**You will see our crews carrying out:**



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ACTIVITY TASK DESCRIPTION	Task Progress	SPRING-SUMMER			
		M	A	M	J
<b>TRAFFIC SAFETY</b>					
Annual inspection/evaluation of Signs and Pavement Markings	89%	X	X	X	X
Replace Signs identified in evaluation in excess of 1600 signs	creating queue			X	X
Replace Pavement Markings +/- 400 locations	creating queue			X	X
Fabrication of +/-2000 signs for County Replacement, Fleet and Facilities	21%	X	X	X	X
Trim signs on 600+ lane miles of County Roads	creating queue				X
Fabricate signs for 15 Towns included in Shared Services	as needed	X	X	X	X
Implement Detours, Work Zones and emergency traffic control	as needed	X	X	X	X
Sign Maintenance (defaced signs, leaning signs and safety upgrades)	ongoing	X	X	X	X
Emergency response (On-Call) +/- 2 per week	ongoing	X	X	X	X
Installation of new signs per Div Eng work order	100%	X	X	X	X
Nighttime Retro-reflectivity Inspections	99%	X	X	X	X
<b>BRIDGES</b>					
Maintenance inspections of all 460 Bridges	completed	X			
Bridge Maintenance based on needs recorded in inspections	under review	X	X	X	X
Routine monitoring	ongoing	X	X	X	X
Small Repair Work Orders (Deck, concrete and guide rail repairs) +/-10 year	25%		X	X	X
Large Repairs that may require bridge closure 2-4 per year "Operational Capital"	D-21 ongoing				X
Winter maintenance (clearing bridge sidewalks, bridge pot holes)	ongoing	X			
Emergent response (support Signals and Traffic Safety)	ongoing	X	X	X	X
Engineering support: Long Line layout on new pavement, traffic control for soil borings, provide inspection for various tasks.	project startup				
<b>SIGNALS</b>					
Monthly inspections of all electrified signal devices	83%	X	X	X	X
Maintenance of signal systems	ongoing	X	X	X	X
Variable Message Board deployment	as needed	X	X	X	X
Deployment of the dynamic speed trailer	May startup			X	X
Deployment of Temporary Traffic Signals (As Needed)	as needed				
Work orders for repairs and upgrades of current signal systems	TBD				
Shared Service agreement with Newton for Maintenance and Repair	as needed	X	X	X	X
Emergent Response averages one callout every 2 weeks and one major MVA with knockdown every three months.	ongoing	X	X	X	X
<b>YEAR ROUND ACTIVITIES &amp; OTHER DUTIES</b>					
Staff Training: IMSA, Rutgers Cait, NJDOT and Statewide classes	ongoing	X	X	X	X
Winter Maintenance - Select Bridge Sidewalks and DPW support	complete	X	X	X	X
Tool box safety talks	ongoing	X	X	X	X