



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 2018

2018 SPRING SEASON OPERATIONS

March, April, May, June 2018

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
 - Crew members working with the 2017 SC Paving operations as inspectors
- 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
 - Bridge deck repairs
 - Bridge repair work orders
 - Bridge maintenance program begins
 - Routine Monitoring

Typical bridge headwall repair



In the Spring we inspect all signs and pavement markings



Emergency repair of a Traffic Signal



Typical sign replacement



You will see our crews carrying out:



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ACTIVITY TASK DESCRIPTION	Task Progress	SPRING-SUMMER			
		M	A	M	J
TRAFFIC SAFETY					
Annual inspection/evaluation of Signs and Pavement Markings	<div style="width: 61%;"><div style="width: 61%;"></div></div> 61%	X	X		
Replace Signs identified in evaluation in excess of 1,500 signs	creating queue			X	X
Replace Pavement Markings +/- 400 locations	creating queue			X	X
Fabrication of 1800+ signs for County Replacement, Fleet and Sheriff	<div style="width: 5%;"><div style="width: 5%;"></div></div> 5%	X	X	X	X
Trim signs on 600+ lane miles of County Roads	creating queue			X	X
Fabricate signs for 8 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	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%	X	X	X	X
Eng support (Inspect installation of pavement markings and Long Lines)	project startup				
BRIDGES					
Maintenance inspections of all Bridges	completed	X			
Bridge Maintenance based on needs recorded in inspections	under review	X	X	X	
Routine monitoring	ongoing	X	X	X	
Small Repair Work Orders (Deck, concrete and guide rail repairs) +/- 10 year	<div style="width: 50%;"><div style="width: 50%;"></div></div> 50%		X	X	X
Large Repairs that may require bridge closure 2-4 per year "Operational Capital"	TBD				
Winter maintenance (clearing bridge sidewalks, bridge pot holes)	complete	X			
Emergent response (support Signals and Traffic Safety)	ongoing	X	X	X	
Engineering support: Long Line layout on new pavement, traffic control for soil borings, provide inspection for various tasks.	project startup				
SIGNALS					
Monthly inspections of all electrified signal devices	<div style="width: 36%;"><div style="width: 36%;"></div></div> 36%	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			X	X
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
YEAR ROUND ACTIVITIES & OTHER DUTIES					
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

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