



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

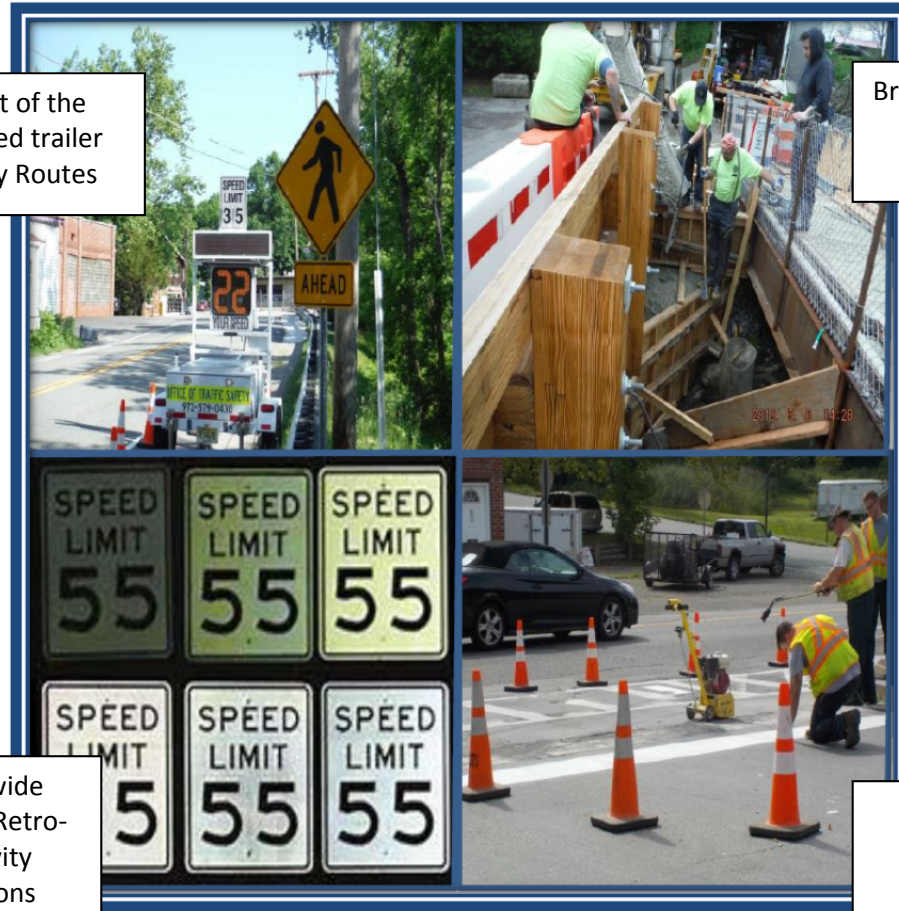
March, April, May, June 2019

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

Deployment of the dynamic speed trailer along County Routes



Bridge maintenance, repairs and replacements

System wide nighttime Retro-reflectivity inspections

Replacing pavement markings

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					
Replace Signs identified in evaluation in excess of 1600 signs					
Replace Pavement Markings +/- 400 locations					
Fabrication of +/-2000 signs for County Replacement, Fleet and Facilities					
Trim signs on 600+ lane miles of County Roads					
Fabricate signs for 15 Towns included in Shared Services	as needed				
Implement Detours, Work Zones and emergency traffic control	as needed				
Sign Maintenance (defaced signs, leaning signs and safety upgrades)					
Emergency response (On-Call) +/- 2 per week	ongoing				
Installation of new signs per Div Eng work order					
Nighttime Retro-reflectivity Inspections					
BRIDGES					
Maintenance inspections of all 460 Bridges	completed				
Bridge Maintenance based on needs recorded in inspections	creating queue				
Routine monitoring	ongoing				
Small Repair Work Orders (Deck, concrete and guide rail repairs) +/- 10 year					
Large Repairs that may require bridge closure 2-4 per year "Operational Capital"	D-21 completed				
Winter maintenance (clearing bridge sidewalks, bridge pot holes)	complete				
Emergent response (support Signals and Traffic Safety)	ongoing				
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					
Maintenance of signal systems	ongoing				
Variable Message Board deployment	as needed				
Deployment of the dynamic speed trailer	May startup				
Deployment of Temporary Traffic Signals (As Needed)	two active locations				
Work orders for repairs and upgrades of current signal systems	TBD				
Shared Service agreement with Newton for Maintenance and Repair	as needed				
Emergent Response averages one callout every 2 weeks and one major MVA with knockdown every three months.	ongoing				
YEAR ROUND ACTIVITIES & OTHER DUTIES					
Staff Training: IMSA, Rutgers Cait, NJDOT and Statewide classes	ongoing				
Winter Maintenance - Select Bridge Sidewalks and DPW support	complete				
Tool box safety talks	ongoing				

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