



DIVISION OF ENGINEERING
Office of Bridge and Traffic Safety
One Spring Street, Newton, New Jersey 07860
Telephone: 973-579-0430
dpw@sussex.nj.us
Bob Pierce, General Supervisor

OFFICE OF BRIDGE AND TRAFFIC SAFETY

2019 SUMMER SEASON OPERATIONS

July, August, September, October 2019

Overview:

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

- Traffic Safety
 - Clearing vegetation to ensure a sign's visibility
 - Replacing worn pavement markings
 - Scheduled sign replacements
 - Sign fabrication
- Signals:
 - Upgrades to existing traffic signal systems
 - Deployment of the dynamic speed trailer
 - Collecting traffic counts
 - Installing new Pedestrian Beacons
- Bridge Crew
 - Bridge cleaning
 - Routine Bridge Maintenance
 - In-House Capital Bridge Repair Projects

You will see our crews:

SEASONAL REPORT SUMMER 2019





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OFFICE OF BRIDGE AND TRAFFIC SAFETY **SEASONAL REPORT SPRING 2019**

Activity Description	SUMMER - FALL			
	J	A	S	O
TRAFFIC SAFETY				
Replace signs identified from nighttime retro reflectivity +/- 600	X	X	X	X
Replace Signs identified in evaluation in excess of 1,200 signs	X	X	X	X
Replace Pavement Markings identified in evaluation +/- 263 locations	X	X	X	X
Fabrication of 2,000+ signs for County Replacement, Fleet and Sheriff	X	X	X	X
Trim signs on 620+ lane miles of County Roads	X	X	X	X
Fabricate signs for 15 Towns included in Shared Services	X	X	X	X
Implement Detours, Work Zones and emergency traffic control	X	X	X	X
Sign Maintenance (defaced signs, leaning signs and safety upgrades)	X	X	X	X
Emergency response (On-Call) +/- 2 per week	X	X	X	X
Installation of new signs per Div Eng work order	X	X	X	X
Eng support (Inspect installation of pavement markings and Long Lines)	X	X	X	X
BRIDGES				
Small Repair Work Orders (Deck, concrete and guide rail repairs) +/-10 year	X	X	X	X
Large Repairs that may require bridge closure 2-4 per year "Operational Capital"	X	X	X	X
Emergent response (support Signals and Traffic Safety)	X	X	X	X
Engineering support: Long Line layout on new pavement, traffic control for soil borings, provide inspection for various tasks.	X	X	X	X
SIGNALS				
Monthly inspections of 40 electrified signal devices	X	X	X	X
Maintenance of signal systems	X	X	X	X
Variable Message Board deployment	X	X	X	X
Deployment of the dynamic speed trailer (May-November)	X	X	X	X
Deployment of Temporary Traffic Signals (As Needed)	X	X	X	X
Acquiring traffic counts on County roads	X	X	X	X
Work orders for repairs and upgrades of current signal systems	X	X	X	X
Shared Service agreement with Newton for Maintenance and Repair	X	X	X	X
Emergent Response averages one callout every 2 weeks and one major MVA with knockdown every three months.	X	X	X	X
YEAR ROUND ACTIVITIES & OTHER DUTIES				
Staff Training: IMSA, Rutgers Cait, NJDOT and Statewide classes	X	X	X	X
Tool box safety talks	X	X	X	X