



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

OFFICE OF BRIDGE AND TRAFFIC SAFETY

FINAL-WINTER SEASONAL REPORT 2017- 2018

2018 WINTER SEASON OPERATIONS – END SEASON REPORT

November, December, January, February 2018

Overview:

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

- Winter Maintenance Operations
 - 80% of staff assigned to DPW garages during Winter Maintenance Operations
 - Remaining 20% of staff maintain bridge sidewalks
- Traffic Safety
 - Annual inspection/evaluation of all signs (14,000+) and pavement markings (12,00+)
 - Scheduled sign replacements
 - Sign fabrication
- Signals:
 - Inspection of existing traffic signal systems
 - Deployment of variable message boards
- Bridge Crew
 - Bridge deck patching
 - Annual Bridge Maintenance inspections
 - Routine Monitoring

You will see our crews carrying out:



Replacement of a stop sign knocked down during a winter storm event.

Winter maintenance of pedestrian walkways.

Emergency repair of a Traffic Signal.

Winter maintenance of pedestrian walkways.



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ACTIVITY TASK DESCRIPTION	Task Progress	WINTER			
		N	D	J	F
TRAFFIC SAFETY					
Annual inspection/evaluation of Signs and Pavement Markings					X
Replace Signs identified in evaluation, includes over 1,800 signs		X	X	X	
Replace Pavement Markings +/- 400 locations		X	X	X	
Fabrication of 1,800+ signs for County Replacement, Fleet and Sheriff		X	X	X	X
Fabricate signs for 8 Towns included in Shared Services		X	X	X	X
Implement Detours, Work Zones and emergency traffic control	<i>as needed</i>	X	X	X	
Sign Maintenance (defaced signs, leaning signs and safety upgrades)	<i>ongoing</i>	X	X	X	X
Emergency response (On-Call) +/- 2 call-outs per week	<i>ongoing</i>	X	X	X	X
Installation of new signs per Div Eng work orders	<i>as needed</i>	X	X	X	X
BRIDGES					
Maintenance inspections of all Bridges					X
Bridge Maintenance based on needs identified during inspections	<i>ongoing</i>	X	X	X	X
Routine monitoring of Bridges	<i>ongoing</i>	X	X	X	X
Small Repair Work Orders (deck, concrete, guide rail) +/-10 year	<i>completed</i>	X	X		
Winter maintenance (clearing bridge sidewalks, bridge pot holes)	<i>ongoing</i>			X	X
Emergent response (support Signals and Traffic Safety)	<i>as needed</i>	X	X	X	X
SIGNALS					
Monthly inspections of all electrified signal devices		X	X	X	X
Variable Message Board deployment	<i>as needed</i>	X	X	X	X
Shared Service agreement with Newton for Maintenance and Repair	<i>as needed</i>	X	X	X	X
Emergent Response averages one callout every 2 weeks and one major MVA with knockdown every three months.	<i>as needed</i>	X	X	X	X
YEAR ROUND ACTIVITIES & OTHER DUTIES					
Staff Training: IMSA, Rutgers Cait, NJDOT and Statewide classes	<i>ongoing</i>	X	X	X	X
Winter Maintenance - Select Bridge Sidewalks and DPW support	<i>as needed</i>	X	X	X	X
Tool box safety talks	<i>ongoing</i>	X	X	X	X

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