



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:





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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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