

ATTACHMENT A

Roadway System Maintenance Program Summary Checklist

**Roadway System Maintenance Program
Summary Checklist**

Item	Commentary	Frequency				
		Month	Quarterly	Semi-Annual	Annual	Long Term
Restoring Road Cross-Section	Grading to smooth and recreate crown or cross slope on road. Best to grade when surface is moist – easier to reshape. Remove any crowning or ditches at bridge crossing approaches. Ensure erosion and sedimentation control measures are put in place during grading.			Inspect	X	
Removing Potholes	Inspect on a rainy day – so potholes are highlighted. Using grader, cut to full depth of potholes, fill and regrade. Ensure erosion and sedimentation control measures are put in place during repairs.		Inspect on a rainy day	X		
Removing Rutting	Inspect on a rainy day – so rutting is highlighted. Blend surface material. Devise a plan to prevent surface material from drying out. Ensure erosion and sedimentation control measures are put in place during repairs.		Inspect on a rainy day	X		
Restoring Soft/Weak Subgrades	Identify areas near wetlands and areas with subsurface water. Check semi-annually. If damage is prevalent either excavate and replace weak material with more suitable fill, or place geotextiles.			X		
Stabilizing Steep Road Segments	Inspect steep sections of road. If heavily eroded consider use of Reclaimed Pavement/Recycled Asphalt.			Inspect	X	
Removing Snow	Roads from Route 16 to Maintenance building to be plowed during winter.	Winter Months				
Grooming Snow	Roads from maintenance building to turbine locations to be groomed.	Winter Months				

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Controlling Dust	If large amounts of dust are produced from traffic, assess the benefit of laying calcium chloride solution to roadway to increase and maintain moisture levels and control dust.	More frequent during construction				Apply Every 2 years
Remove High Shoulders	Mow shoulder as needed to prevent excessive grass and vegetation. Use grader to remove high or low shoulders. Recover high shoulder and spread on roadway. Either load and remove excess shoulder material or "sweep under the carpet".			Inspect	X	
Inspect Loam and Seed	Mow loam and seed areas and rehabilitate eroded areas.	Inspect	X			
Inspect Mulch and Mesh	Re-mulch areas where mulch has washed away.	Inspect	X			
Inspect Stone Face	Remove sediment and debris. Replace displaced stones, fill gaps with new stone.	Inspect	X			
Inspect Reinforced Turf	Regular mowing, replacement of damaged/displaced reinforcement.	Inspect	X			
Inspect Rip Rap	Remove sediment. Replace any displaced stones.	Inspect	X			
Inspect Gabions	Repair broken baskets; replace squashed/empty baskets with new gabion baskets; replace backfill in eroded areas.	Inspect	X			
Inspect Soil Nail Wall	Reapplying shotcrete, replace/repair urethane foam damage.	Inspect	X			
Inspect Rock Face	Remove loose rock from rock face, stabilize deteriorated areas	Inspect	X			
Inspect Reinforced Embankments		Inspect	X			
Inspect Alternate Fill with Reinforcement		Inspect	X			
Ditches & Culverts	Remove sediment.	Inspect	X			

ATTACHMENT B

Sample Inspection Logs

BLACK NUBBLE WIND FARM
REDINGTON TOWNSHIP, MAINE

ROADWAY SYSTEM
ROAD SURFACE

ANNUAL AND SEMI-ANNUAL INSPECTION & MAINTENANCE LOG

FACILITY: <u>Black Nubble Wind Farm Access Roadway</u>		YEAR:
LOCATION: <u>Redington Township, Maine</u>		CONTRACTOR:
FUNCTION: <u>Road Surface</u>		INSPECTOR:
DATE OF INSPECTION:		
ITEM IDENTIFICATION	DESCRIPTION OF CONDITIONS	MAINTENANCE ACCOMPLISHED
LOSS OF CROWN		
HIGH or LOW SHOULDERS		
DUST CONTROL		
POTHLES		
RUTTING		
WEAK SUBGRADE		
GENERAL COMMENTS:		

