

MOTOR GRADER PREVENTATIVE MAINTENANCE CHECK LIST			
Vehicle # _____	Date _____	PM Location _____	# Hours _____
		OK	REPAIR
			FOLLOW UP
150 HOUR SERVICE (90 DAYS)			
Change Engine Oil & Filter		_____	_____
Check Air Filter Elements – replace if necessary		_____	_____
Check Exhaust System		_____	_____
Check Air Inlet System for Leaks		_____	_____
Check Wiring for Chafing, Loose Connections, etc.		_____	_____
Check Battery Electrolyte Level		_____	_____
Check Front End		_____	_____
Check and Tighten Wheel Studs		_____	_____
Check Drive Axle Oil		_____	_____
Check Oil Level in Tandem Drives		_____	_____
Check Parking Brake Adjustment		_____	_____
Check Oil Level in Circle Drive Gear Box		_____	_____
300 HOUR SERVICE			
Change Fuel Filter		_____	_____
Change Hydraulic Filter & Clean Magnets		_____	_____
Change Transmission Filter		_____	_____
Visually Inspect Engine Mounts		_____	_____
Take Oil Sample		_____	_____
Check and Adjust Brake Pedal Linkage		_____	_____
Steam Clean Radiator		_____	_____
1000 HOUR SERVICE			
Steam Clean Engine		_____	_____
Check and Adjust Engine Speeds		_____	_____
Check and Adjust Valve Clearance		_____	_____
Clean and Repack Front Wheel Bearings		_____	_____
Clean Hydraulic Tank Breather Filter		_____	_____
Check Pivot Pins and Bushings		_____	_____
Road Test Prior to Releasing to Using Agency		_____	_____
Performed by _____			

Figure 21: Motor Grader Preventative Maintenance Check List (From *Maintaining Gravel Roads Training Manual*, 1999. Maine Department of Transportation, Federal Highway Administration).