

Maintenance Program - Segmental Retaining Walls

Wall Element	Frequency
Above Wall	
Check for any slumping of soil behind the wall (potential sign of wall movement).	Each spring. Increase frequency if problem noted.
Check alignment of any fence or vehicle guard above wall (potential sign of wall movement).	
Check gaps between pavers above wall (increased gaps a potential sign of wall movement).	
Where railings are fastened to the top of the wall, check that caulking around plates/sleeves is intact. Remove old caulking and re-apply if required.	Each spring.
Ensure surface water is draining away from the back of the wall, or over the top of the wall, based on original design. Grade as required.	Each spring and fall
Check for stockpiling of snow at top of wall. Advise snow removal company to relocate snow stockpile if required.	Each winter
Retaining Wall	
Check the overall appearance of the structure for any signs of damage.	Each spring and fall
Check vertical alignment of wall. Monitor any rotation noted in the wall.	Increase frequency if
Check horizontal alignment of wall. Monitor any bulging noted in the wall.	
Inspect wall units and coping. Check for the presence of cracks, chips and other surface degradation.	Each spring and fall
Ensure contact between coping and wall units. Re-glue coping as required.	Each spring and fall
Check for water seeps out of face of wall (sign of blockage of drain pipe and/or drain rock).	Each spring
Check for presence of dirt, stains, efflorescence and graffiti. Clean as necessary.	Each spring and fall
Check for ivy and its effects on the wall units. Remove ivy if necessary.	Each fall
Below Wall	
Make sure the ground slopes away from the bottom of the wall. Grade as required.	Each spring and fall
Check for any bulging of soil near the bottom of the wall (potential sign of wall movement).	Each spring. Increase frequency if problem noted.
Check for erosion at bottom of wall. Repair and reinforce with filter cloth covered by rip-rap.	
Check drain pipe outlets to ensure proper drainage. Clean out as required.	Each spring and fall