



Sel Environmental
Real Innovation.

THE OVERLAY CYCLE PATH SOLUTION

Prefabricated

Temporary/Permanent

Rapid Deploy

Fully Permeable

Overlay – No Dig Solution

Reusable/Relocatable



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- 1 Existing ground – road/hardstanding/grass
- 2 Permeable protection geotextile cut to size
- 3 Regulating gravel layer where necessary
- 4 Lightweight, modular, prefabricated, permeable cycle path modules
- 5 Modular, linear green edge strip
- 6 Permeable temporary/permanent edge restraint permitting lateral water flow
- 7 Physical traffic barrier with integrated lighting
- 8 Lightweight, modular, prefabricated access and egress ramps



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System Information

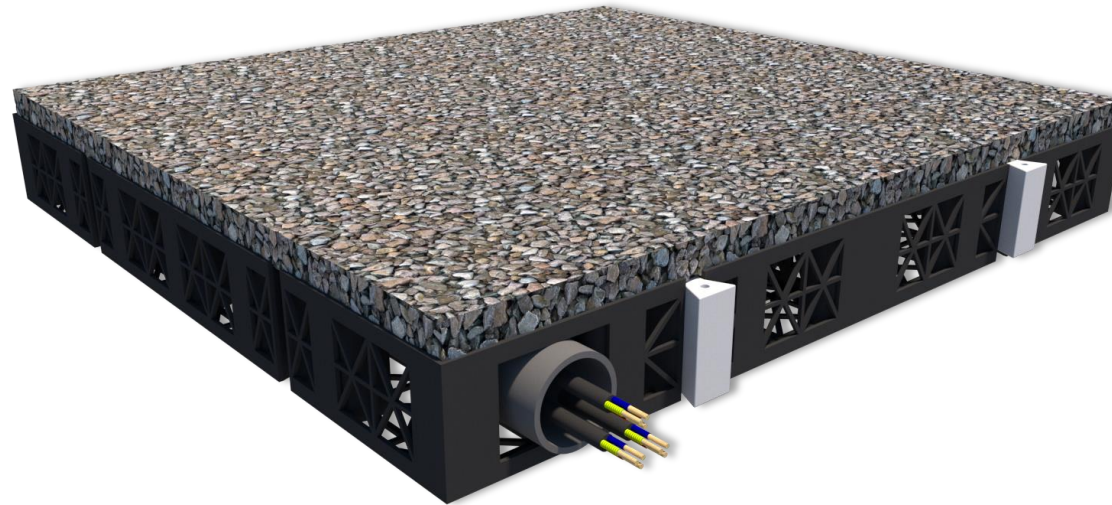
The Overlay Cycle Path Solution by SEL Environmental is an innovative solution that could revolutionise the construction of cycle paths. By utilising lightweight modular components and off site manufacturing we can implement a rapid deploy cycle path that can be located directly atop existing ground.

The components of the overlay cycle path solution are modular and prefabricated such that all components can be simply clipped together on site. This characteristic means the cycle path can be deployed very quickly and with a small installation team and basic tools. As this system is modular, it can be installed in any size and configuration. The cycle path can be easily deployed, removed, extended or shortened.

The structure of the system efficiently spreads loads, meaning it is suitable to install directly atop almost any existing surface such as a road, parking areas, grassed areas and the like without damaging the ground or affecting the existing drainage infrastructure. The cycle path also creates a raised platform, which provides a clear physical differentiation between the cycle path and road. With various modular edging details, this system is the perfect solution for rapidly implementing cycle paths on a temporary or permanent basis.



4 Lightweight, modular, prefabricated, permeable cycle path modules



The cycle path modules comprise a voided structural plastic base topped with a permeable bound aggregate tile. The lightweight modules simply clip together with butterfly shaped interlocking pins with simple hand tools. 63mm Ø cable conduits are preinstalled in edge units to host power supply for lighting. The surface finish can be tailored to specifications and can be prefabricated in tiles or wet poured on site. The structural characteristics of the base permit occasional emergency vehicle traffic. In the unlikely event a module becomes damaged, it can be simply removed and replaced with very little disruption.

5 Modular, linear green edge strip



The modular linear green edge strip is a fantastic option for demarcating the extent of the cycle path whilst simultaneously introducing green infrastructure and promoting biodiversity net gain in the urban environment. The linear green edge strip is made up of modular units comprising a voided structural base, a passive irrigation pad, top soil and vegetation. This unit is completely modular and prefabricated meaning it can be simply clipped in place on site. This unit is 160mm high, creating a physical differentiation between the cycle path and trafficked areas. A 63mm Ø conduit is preinstalled in the base to host power supply for lighting.



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