

Project Info	
	July 2017
	CC8™
	3575sqm
	Longitudinal Layer
	Azimganj
	Eastern Railway
	



Current Photos of Installed work

The work was allotted by Dy. Chief Engineer, Cons-IV/Howrah to control the erosion problem in railway embankment on newly laid trackway near Ajimganj route.

The soil on embankment is prone to erosion due to vibrations caused by train movements regularly as well as rain. At some of sections water gets logged & enter in foundation substrate of railway tracks laid. We came up with the solution to use Concrete Canvas for slope erosion protection.

In July 2017, the work has been started to protect the slope from erosion of soil. First of all, we clear the surface from shrubs and fill the pit holes with soil and tried to even the slope and dressing was done. After that measured cut pieces laid on slope one by one with overlap of 100 mm between two pieces of CC then fixed it with the help of pegs having 1.5-2.5 meters length (On each 1m. interval) & 1.5" fully threaded round headed screws having washers. Two lines of screw are maintained on the overlap for better fixing result (each at 200mm distance in straight and 100mm in zigzag way). Insert ½ mt. Concrete Canvas on Both sides drain with using Pegs for Fixed and done concreting on Drain portion. Then cure it with water for one with 2-3 hours intervals.

The work completed at three different locations for 3575sqm of CC8 installation. Total 20days were required to complete the work in all respects.



Laying of CC on levelled profile



Screwing on overlaps



Location 2 Installation completed



Location 3 Installation completed