

Project Info

-  APR 14 April 2021
-  CC5™
-  # 2300m²
-  Longitudinal Layer
-  Gorbi, Singarauli
-  IRCON Katni



IRCON
IRCON International Limited
(A Government of India Undertaking)



In continuation to the success of slope erosion control work done under IRCON Katni, we have again instructed to present the proposal of trackside drain work. The proposal was approved and work of trackside drain including excavation of drain, its leveling, concrete canvas work, finishing & soil dumping was allotted to us in last week of December 2020.

Initially trapezoidal shape & transversal laying pattern was selected as more wetted perimeter was needed for water to flow but It is observed that drain bed level required as per client is below natural ground water level and causing multiple challenges in excavation work. So after mutual understanding, we started working in February 2021 for excavation for rectangular drain with longitudinal laying pattern. The excavation work was time consuming and we required 60-80 labours per to excavate more than 1km of drain. Soil Dumping was handover on contract basis. The main installation of Concrete Canvas started in month of March & April. Installation of done at average speed of 200sqm per day with team of 15labours for installation.

In total 2300sqm of work was completed in 3 major locations as follows – 305sqm at Ch. No. 1338/140 to 1338/260 & Major work of 1995sqm was completed at 1337/320 to 1338/440.



Existing choked nallah



Excavation & Cleaning of Drain by JCB



● ○ REDMI NOTE 8
CAMERA

Sizing, Compaction & Collar work manually



After Preparation done



Existing choked nallah



Excavation & Cleaning of Drain by JCB



Sizing, Compaction & Collar work manually



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Existing choked nallah



Excavation & Cleaning of Drain by JCB



Sizing, Compaction & Collar work manually



After Preparation done



Starting Edge of Drain



Laying of CC patches transversally



Screwing & Sealanting work Overlaps



● ○ REDMI NOTE 8
AI QUAD CAMERA

Concreting Work Photo