



V R CONSTRUCTION

CIVIL ENGINEER & CONTRACTOR

Shop No-18, GMC Associates, Near KSB Chowk RTO Office, PCNTDA, Chinchwad, Pune - 411 019.

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Project –

Method Statement of Infrastructure Work

- **Purpose** -This Procedure is defined to procedure for Road Construction
- **Responsibilities** – Project Engineers, Supervisor.

- **Safety Precautions** –
Work Permit shall be taken before start of work
Ensure that material handling shall be done in proper manner, proper Lighting in work area.

- **Detail of the Work Instruction**

- **Preparing Sub grade Surface** -
Correct any deviation from specified elevation and compaction in the surface

- **Trimix Concrete Work** - Trimix or vacuum dewatering flooring is properly known as vacuum dewatering process of concrete is a special type of Flooring Technique to achieve high strength, longer life, better finish and faster work.

- **Vacuum dewatering flooring is** – This process is a means to efficiently remove excess water from newly placed, compacted and leveled concrete surfaces. Vacuum treatment of concrete has been refined to specially address concreting of large exposed surfaces in hot weather conditions. It renders an economical, time-efficient compaction technique to concrete that can be placed on a medium to high workability.

- **Material** – M.S. Channels, Ready Mix Concrete of M20 grade, Groove Cutting bitumen for Groove Filling

- **Machinery, Equipment and Tools** –
Aluminium bottom Patti, Surface vibrator, Vaccum Dewatering Pump with filter pads, floater with dish and blades., Groove cutting machine. Auto level.

- **Laying procedure** -
a) Fix the panels dividers (as mentioned in the drawing) in position for diagonally alternative panels.
b) Dividing strips of MS shall be fixed as per the panel layout to correct line and level. Top of the strip must match with the required slope and finished floor level. Strip fixing can be done at least one day in advance.
c) Do the concreting in the sequence of laying in alternative panels.



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- d) Pour the concrete in the panels, Level and compact the concrete with Double beam vibrator, to give dense and flat surface.
 - e) Start power floater for grinding the surface (along with leveling it also increases the water resistance of concrete flooring).
 - f) After completion of concrete check level maintain proper level on the surface.
 - g) Finish the top surface with Broom, to get required broom finish.
 - h) For all trowel finished surfaces, the finishing has to be completed before the mortar or concrete is fully set.
- **Work procedure –**
 - i) Initial suitable layout of construction joints and isolation joints shall be decided prior to start of Tremix flooring.
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