

CONSTRUCTION METHOD FOR RAPID RECOVERY OF EXISTING TUNNEL LINING

ABSTRACT

The present invention relates to a construction method for rapid recovery of existing tunnel lining. To realize the rapid recovery of the existing tunnel, by dividing an operation section and adopting a tunnel inverted arch double trestle opposite logistics method, the simultaneous construction of a secondary lining region, a double inverted arch trestle region and an expanded excavation region is realized, which improves the logistics efficiency of various construction regions and solves the technical problems of material transportation in multi-working faces of the tunnel. Combined with a tunnel full-section waterproof board paving structure and a lining cushion layer paving structure, the construction speed of the waterproof board and a cushion layer is effectively improved; and combined with the layer-by-layer concrete pouring via chute in segmented windows construction technology, the concrete of the secondary lining arch wall can be quickly fed window by window.

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Fig. 1