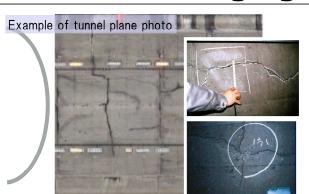


Renewal of the lining of mountain tunnels in service (New method!)

Issues on the aging tunnels



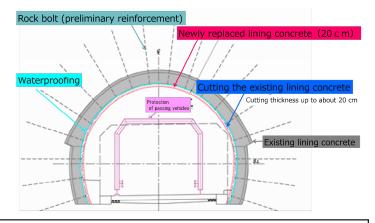
Cracks of lining concrete



Water Leakage and freezing (icicles)

Construction method to renew a section of the lining concrete

The new construction method renewing a section of the concrete lining with the expressway still in service will solve the issues.





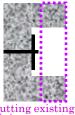


Installation of rock bolts



Reinforce the tunnel with rock bolts before cutting the existing lining concrete.

STEP2

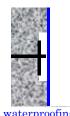


Cutting existing lining concrete



Cutting lining concrete

STEP3

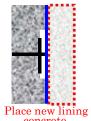


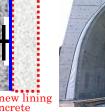
waterproofing



Installation of waterproofing

STEP4





Lining concrete placement

Our Pilot project is planned to be launched this year

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Company Website (Japanese)



Company Website (English)

