



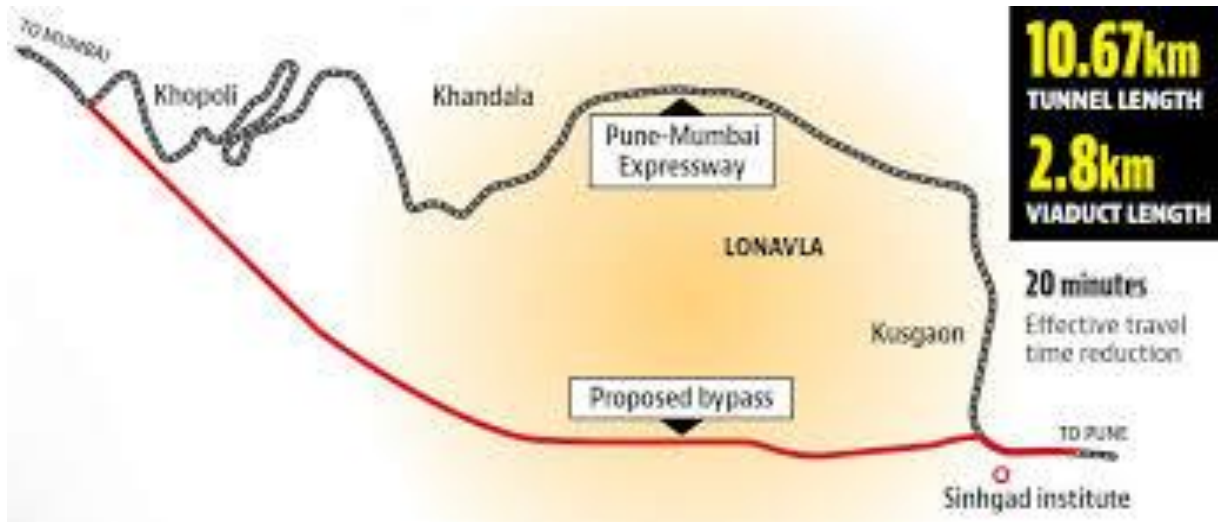
	Tech TANGENT Solutions Pvt Ltd	
	Newsletter-2120	November-2018

Authority	Authority's Engineer	Contractor	Design Consultant
 MSRDC	 GEODATA ENGINEERING	 AFCONS	
Maharashtra State Road Development Corporation	Geodata and Louis Berger	Afcons Infrastructure Limited	Tech TANGENT Solutions Pvt Ltd.

Job No. 2120 : Missing link for Mumbai-Pune Expressway



Tech TANGENT Solutions Pvt Ltd has secured a prestigious job of contract value Rs. 1497 Cr. from estimated client AFCONS Infrastructure Ltd and MSRDC is the owner. The Missing Link will connect Khalapur at Mumbai End through an viaduct and tunnel to Kusgaon at Pune End of the expressway reducing distance about 6km travel time around 25 minutes. TTSP design scope in present job includes following:

1. Wider: Widening of existing road from km 32+600 to km 38+660 = 6.06 km
2. Slip road:
 - a) Left – 20+000 to 20+850 = 0.85km (Sh-B)
 - b) Right – 10+000 to 11+200 = 1.6km (Sh-B)
3. New alignment including RE wall, viaduct 1A LHS, 1A RHS and viaduct 1B: New alignment (RE wall + viaduct 1A, 1B corresponding to 39+010)
Prop – 0+350 to 1+100 = 1.45km
(38+660) to C
4. Cable Stay Portion- Viaduct II
CH. 2+750 to 3+440 = 0.650 km
(Tunnel 1+100 to 2+790 Not in scope of work)
5. Portal on new alignment to cross RHS slip road
6. Widening structure

a) VUP at CH:35+500	1X13.8m
b) PUP at CH:35+097.173	1X5.0
CH:35+755.194	1X3.0



c) Pipe culvert – 11 Nos.

CH:32+858 2X1.2

CH:32+919 2X1.2

CH:33+750 1X1.2

CH:34+276 2X1.2

CH:35+059 1X1.2

CH:35+468 2X1.2

CH:35+942 2X1.2

CH:36+152 2X1.2

CH:37+354 1X1.2

CH:38+000 1X1.2

CH:38+810 2X1.2

d) Box Culvert: CH:37+513 1X3X2

7. Retaining wall

8. Development New toll plaza of shedding

9. Widening and development of exist Khalapur toll plaza.

The construction period is 36 months. Tony Gee Partners LLP is associated with TTSP for viaduct-II.