

SALIENT FEATURE OF KSR

| | | |
|----|------------------------------|---|
| 1 | Track structure | Rails 60-R/75-R on ST sleeper, density M+4. |
| 2 | Length | 96.6 km |
| 3 | Gauge | 2' - 6" (762 mm) |
| 4 | Period of construction | 1898-1903 |
| 5 | Date of commencing | 09.11.1903 |
| 6 | Ruling gradient | 3% (1 in 33.3) |
| 7 | Total Curves | 919 |
| 8 | Total length of curved track | 67.68 km (70% of total) |
| 9 | Maximum curvature | 48 degree (R=37M) |
| 10 | Maximum super elevation | 65mm |
| 11 | Maximum cant deficiency | 75mm |
| 12 | Maximum permissible speed | Rail Car 30 KMPH Train 25 KMPH Turnouts 10 KMPH /15 KMPH |
| 13 | Total Tunnels | 102 (7.653 km i.e. 8%) |
| 14 | Longest Tunnel No.33 | 1143.61 m (3752 feet) Barog. |
| 15 | Total bridge | 869 Nos. 3% of length = 2.48 km. |
| 16 | Longest arch bridge | 97.40 m (No.226) 72.77M |
| 17 | Major Bridges | 33 |
| 18 | Length of loop line | 81.84 M(Loco + 7 coaches) Min. Shimla =70.66 M Max. Dharampur =143.30 M |
| 19 | Normal journey time | By Bus 3 Hrs 30 Min. By Taxi 2 Hrs 30 Min. By Train 5 Hrs 30 Min. By Shivalik Express 4 Hrs 45 Min. By Rail Car 4 Hrs 10 Min. |
| 20 | Total stations | 18 |