

INTRODUCTION

- Bhusawal Division with its peculiar geographic location is the fulcrum of Railway operation on Central Railway. The division is spread over **1058.64** Kms including **814.74** Kms route on Broad Gauge and **243.90** Kms route on Narrow Gauge.
- Bhusawal division is one of the most critically located divisions in Central Railway, whose performance makes a decisive impact on the loading of adjacent divisions and helps them to fulfill their loading targets and interchange forecast made to adjoining railways.
- Bhusawal divisions originating revenue loading is generated from Onion, Cement, DOC, Food grain & Container apart from the main traffic of POL. The division also handles coaching rated traffic of in VPS. The Division timely caters to the demands of Farmers & traders in an organized way so as to develop a healthy Railway-Customer interface. This has helped in improving the socio-economic status of Khandesh and Nashik region. It has underlined the significance of the Railways in catering to Perishable as well as non-Perishable traffic over other modes of transportation.
- Bhusawal division acts as a feeding point for empty N-BOXES to collieries situated in NGP Division and South-Eastern Railway as well as empty jumbos required in Mumbai Division on Central Railway, Bhopal and Jabalpur Division on WCR and Mumbai Division of Western Railway, besides meeting its own demands of oil-tanks at Panevadi Oil siding and jumbos for Outward traffic.
- Bhusawal Division has to function as a buffer division requiring holding back the traffic not accepted by the adjoining divisions in an eventuality of any operational constraints & bottlenecks.
- **Regular banking** - Bhusawal Division has undulating gradient in all the sections. Loaded stock of 42 BCN with WAG-5 and 59/58 BOXN/BCNHL Stock with WAG-7 locomotive requires banking as under :

Section	Direction	Stations	Length of section	Ruling gradient
BSL-BD	DN	VNA-BDWD	18.27 KMS	1:132
BSL-KNW	DN	NPNR-DGN	19.33 KMS	1:110
KNW-BSL	UP	KNW-DGN	23.21 KMS	1:150
BSL-IGP	UP	KJ-NGN*	61.30 KMS	1:150
BSL-IGP	UP	NGN-SUM*	36.00 KMS	1:132

* If train is not run through at KJ, VGL, CSN, HPR, NI and PKE stations.

➤ **Exceptional Banking -**

Section	Direction	Stations	Length of section	Ruling gradient
IGP-NGN	DN	IGP-AV	24.96 KMS	1:110
MMR-ANK*	UP	MMR-ANK (via 'A' Cabin)	13.11 KMS	1:100
MMR-ANK*	UP	MMR-ANK (via 'C' Cabin)	16.00 KMS	1:133

* Loaded stock of 42 BCN/BCX with single WDM-2 and 59 BOXN/BCNHL with Multiple WDM-2 locomotive require banking.

- Operationally Bhusawal division is divided into three main sections viz. **Bhusawal-Khandwa, Bhusawal-Badnera & Bhusawal- Igatpuri**. All the trains are worked with Electric/Diesel traction.

Main line sections –

Section	Gauge	Length of section	Traction
Bhusawal - Khandwa	BG	123.47 KMS	AC
Bhusawal - Badnera	BG	218.53 KMS	AC
Badnera - Chandur Bazar	BG	42.88 KMS	AC
Bhusawal - Igatpuri	BG	307.61 KMS	AC
Manmad – Ankai (Via 'A' Cabin)	BG	13.11 KMS	AC
Manmad - Ankai (Via 'C' Cabin)	BG	16. 00 KMS	AC/DSL

Branch line sections – (Broad Gauge)

Section	Gauge	Length of section	Traction
Chalisgaon – Dhule	BG	56.39 KMS	DSL
Jalamb – Khamgaon	BG	12.34 KMS	AC
Badnera – Amravati	BG	9.09 KMS	AC

Branch line sections – (Narrow Gauge)

Section	Gauge	Length of section	Traction
Pachora – Jamner	NG	55.62 KMS	DSL
Murtizapur – Yeotmal	NG	112.27 KMS	DSL
Murtizapur – Achalpur	NG	76.56 KMS	DSL

1.1 SECTION WISE BREAK-UP OF STATIONS

There are total 124 stations including 85 Block stations (65 "B" class + 15 "C" classes and 05 Special class), 39 Halt stations and 29 IBH on Bhusawal Division. Section-wise break-up of stations is as under –

Main line stations –

Section	Break-up of stations				Total	IBH
	Block station			Non-block stations		
	B	C	SPL	D (Halt Stations)		
BSL-IGP	27	05	02	--	34	15
MMR-ANK	02	--	--	--	02	--
BSL-KNW	13	03	--	--	16	01
BSL-BD	15	07	01	02	25	13
BD-CNDB	03	--	--	01	04	--
Total	60	15	03*	03	81	29

** Special Class Station – BSL, BDI & VNA.*

Branch line stations –

Section	Break-up of stations				Total	IBH
	Block station			Non-block stations		
	B	C	SPL	D (Halt Stations)		
PC-JMNR	--	--	--	06	06	--
CSN-DHI	03	--	--	05	08	--
MZR-YTL	--	--	01	15	16	--
MZR-ELP	--	--	01	10	11	--
BD-AMI	01	--	--	--	01	--
JM-KMN	01	--	--	--	01	--
Total	05	--	02 *	36	43	--

** Special Class Station - Achalpur (ELP) & Yavatmal (YTL).*