LIST OF ABBREVIATIONS

AAQM	Ambient Air Quality Monitoring
ADI	Ahmedabad
AFC	Automatic Fare Collection
AMC	Ahmedabad Municipal Corporation
AMF	Automatic Main Failure
ASI	Archeological Survey of India
ASS	Auxiliary Sub-Station
ATP	Automatic Train Protection
ATS	Automatic Train Supervision
AUDA	Ahmedabad Urban Development Authority
BEML	Bharat Earth Movers Limited
BLT	Blast Less Track
BOD	Board of Directors
BOOT	Build Own Operate Transfer
BOT	Build Operate Transfer
BSNL	Bharat Sanchar Nigam Ltd.
CAD	Computer Aided Design
CATC	Continuous Automatic Train Control
CBD	Central Business District
CBI	Computer Based Interlocking
CCIP	Contact cum Indication Panel
CDMA	Code Division Multiple Access
DC	Direct Current
DCC	Depot Control Centre
DMC	Driving Motor Car
DMRC	Delhi Metro Rail Corporation
DPCS	Digital Protection Control System
DPR	Detailed Project Report
ECS	Environment Control System
EFO	Excess Fare Office
EIA	Environment Impact Assessment
EIRR	Economic International Rate of Return
EMC	Electromagnetic Compatibility
EMI	Electro Magnetic Interference
EMP	Environmental Monitoring Program

EMU	Electrical Multiple Unit
EP	Electro Pneumatic
EPABX	Electronic Private Automatic Branch Exchange
ETU	Engineering Train Unit
FIRR	Financial International Rate of Return
FOB	Foot Over Bridge
FOTS	Fiber Optic Transmission System
FSI	Floor Space Index
GIDB	Gujarat Infrastructure Development Board
GIS	Geographical Information System
GoG	Government of Gujarat
GPCB	Gujarat pollution control board
GSM	Global System of Mobiles
GSRTC	Gujarat State Road Transport Corporation
GUDA	Gandhinagar Urban Development Authority
IGBT	Insulated Gate Bipolar Transistors
IMD	Indian Meteorological Department
IOH	Intermediate over haul
IPTS	Integrated Public Transport System
IR	Indian Railways
IRJ	Insulated Rail Joints
ITO	Income Tax Office
JBIC	Japan Bank Of
K.V	Kilo Volts
KVA	Kilo Volts Amperes
LC	Level Crossing
LED	Light Emission Diodes
LRT	Light Rail System
LWR	Long Welded Rails
M & P	Machinery and Plant
MC	Motor Car
MD	Managing Director
MD	Maximum Demand
MOR	Ministry of Railways
MOU	Memorandum of Undertaking

MOUD	Ministry of Urban Development
MRTS	Mass Rapid Transit System
MVA	Mega Volt Ampere
NMS	Network Management Systems
NO	Normally Open
NOC	No Objection Certificate
O & M	Operational and Maintenance
OCC	Operational Control Centre
OD	Origin- Destination
OFC	Optical Fibre Cable
OHE	Overhead Electrification
PAF	Project Affected Families
PCTR	Per Capita Trip Rate
PCU	Passenger Car Unit
PHPDT	Peak Hour Peak Direction Trips
PIDS	Passenger Information Display System
PKM	Passenger Kilometer
POH	Periodical Over Haul
PSTN	Interconnectivity with Public Telecom network
R&B	Road & Building Department
RCC	Reinforced Cement Concrete
RDSO	Research Development & Standard Organization
REJ	Rail Expansion Joints
ROB	Road Over Bridge
ROW	Right Of Way
RRS	Regional Rail System
RSS	Receiving Sub-Station
RTO	Regional Transport Office
RTS	Remote Control & Train Information System
RTU	Remote Terminal Units
RUB	Road Under Bridge
RWI	Relative Warmth Index
SCADA	Supervisory Control and Data Acquisition
SCR	Station Control room
SDH	Synchronous Digital Hierarchy

SE	Structural Earth
SP	Sectioning and Paralleling Post
SPT	Standard Penetration Test
SPV	Special Purpose Vehicle
SRFDA	Sabarmati River Front Development Authority
TC	Trailer Car
TEP	Track Earthing Panel
TES	Track way Exhaust System
TFP	Transformer
TIM	Ticket Issuing Machines
TOM	Ticket office machine
TSS	Traction Sub Station
UIC	Universal International Code
UPE	Under Platform Exhaust
UPS	Un-interrupted Power Supply
V	Volts
VVVF	Variable Voltage Variable Frequency
W	Watt
WHO	World Health Organisation
WR	Western Railway