



Roads & Buildings Department Second Gujarat State Highway Project

A World Bank Assisted Project



ISSUE
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SEP

2019

LEADS PROJECT NEWSLETTER

PROJECT DEVELOPMENT **OBJECTIVE**

‘Improve capacity, and enhance quality and safety of road services for the users of the core road network of state highways in Gujarat, through institutional strengthening and efficient contracting and financing strategies.’

A Civil Works

B Institutional Development

C Road Safety

Project Size :
387 m US\$

Duration :
2014-2020*

OVERALL **PROJECT PROGRESS**

Financial Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Duration									7 Years*
Till Date									6 Years
Loan Amount									175 M USD
Disbursement Till Date									79 M USD*

* Restructured (Original + Extended Time), * As on Sep 2019



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Welcome

Shri Y M Chavda took office in September 2019 as full-time Chief Engineer (WB) to steer the GSHP-II project forward. Shri Chavda is known for his dynamism and dedication to the duty across R&BD-GOG. GSHP-II group welcomed Shri Chavda with all the warmth and expressed privilege to have him as a leader at important time in project cycle. GSHP-II LEADS and PIU extends heartiest Welcome with full assurance of working hard together for the project.



Shri Y. M. Chavda
CE (World Bank)
R&BD, GoG

Thank you

Shri P. R. Patelia, Chief Engineer (NH) and Additional Secretary to GOG, R&BD having additional charge of The World Bank project, handed over regular responsibility to Shri Y M Chavda in this reporting quarter. Indeed with second tenure for GSHP-II as additional responsibility Shri Patelia provided all boost and impetus to the project. The GSHP-II project achieved newer heights and important milestones under his leadership and guidance. PIU will continue to cherish all enriching memories and guidance for GSHP-II. All the stakeholders remain grateful for his contribution for the project.



Shri P. R. Patelia
CE (NH) & A.S.
R&BD, GoG

UNVEILING FROM **ROAD TO CORRIDOR**

GSHP-II: Mehsana - Palanpur



**"IT ALWAYS SEEMS
IMPOSSIBLE
UNTIL IT'S DONE."**

~ Nelson Mandela



SHOWCASE

Road Safety

SAFE SYSTEM APPROACH FOR "SALAMAT (SAFE)" GUJARAT



In Gujarat (INDIA), road crash fatalities in 2018 had increased by 9.4% (by 685) to 7974, which was 13.2 per lakh (100,000) population. Further, the yearly increase of fatalities, (from 2017 to 2018), Gujarat was the Second State after UP. Available crash data shows that road crash data per 100 crashes (severity level) has been increasing every year, see figure 1 below, which is an alarming trend. Concerned departments have been making sincere efforts to prevent and reduce road crashes and casualties in Gujarat.



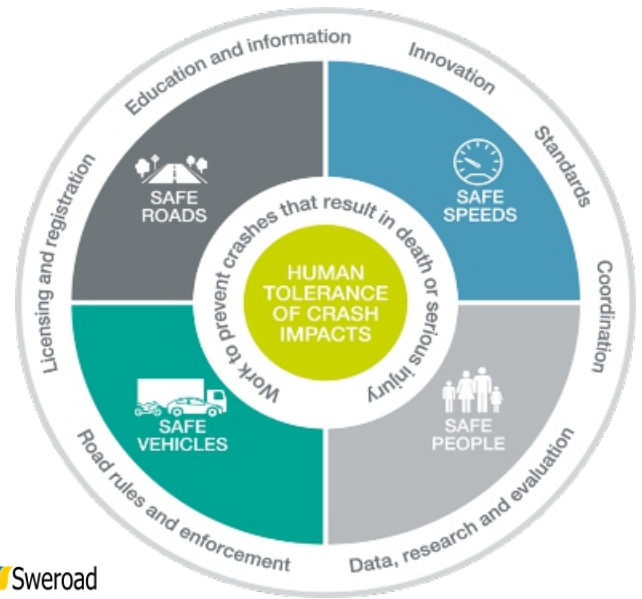
Figure 1: Road Accident Death Statistics

Gujarat can learn from the experiences of other countries and regions in terms of road safety improvement policy promotions, both within government and to the public. Specific guidelines and standards, for safe-design suitable for mixed traffic and vulnerable road users, are to be considered.

The Technical Assistance (TA) "Road Safety Management and Capacity Strengthening under GSHP-II" aims to ensure that road safety in Gujarat will be well-positioned for the next 10-20 years. Following the best practice and proven road safety approaches, the Consultant want to ensure that Gujarat becomes the leader and a model state for improving road safety in India. This will be done by promoting best practices such as policies, processes or actions that have already demonstrated a successful outcome and so should be regarded as models to emulate.

A Safe System (as shown in Figure 2) is central to moving towards zero fatalities and serious injuries on our roads (Vision Zero, a new way of thinking, as shown below). The four elements of the Safe System approach, first used in Scandinavia, have been safer people, safer roads, safer speeds and safer vehicles.

VISION ZERO A new way of thinking



Sweroad

It is up to every individual to survive in a harsh environment

We have to accept some victims

It can never be acceptable that people are killed or seriously injured

Figure 2: Safe System Approach

We need to improve the safety of all parts of the system, so that if one part fails, the other parts will protect people from being killed or seriously injured. With these elements working together as a whole, the system is more forgiving of human or mechanical error and the impact of a mistake made on the road does not necessarily result in a fatality or serious injury.

We advocate to use the Safe System approach (see a case study of Serbia, with evidence-based interventions) to provide innovative road safety initiatives to help reduce the chance that a small mistake will result in a crash, or worse, someone being killed or seriously injured.

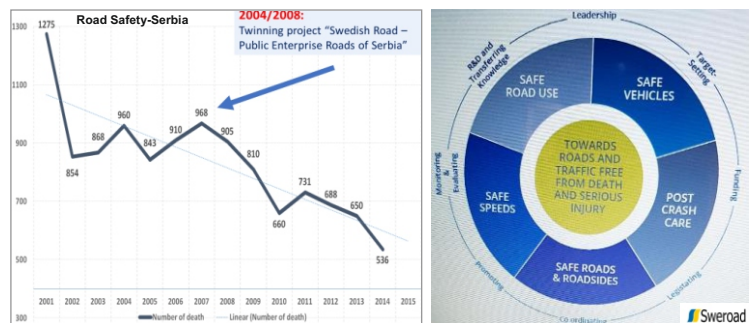


Figure 3: Recommended Safe System approach for "Salamat (Safe) Gujarat"

The Consultant recommends an improved Safe System Approach, with 5 Pillars, for "Salamat (Safe)" Gujarat (Used by Loughborough University Design School/Jeanne Breen Consulting Safe System), as shown in Figure 3.

~ SWEROAD (Sweden)
In collaboration with SAI (SYSTRA GROUP) and SHERWOOD



STAKEHOLDER'S SPACE

The Technical Assistance (TA) “Road Safety Management and Capacity Strengthening under GSHP-II” in Gujarat, India for the Roads and Buildings Department (R&BD), is being financed by the World Bank. The TA is being carried out by **SWEROAD (Sweden) in collaboration with SAI (SYSTRA Group) and SHERWOOD**. The TA was officially launched on July 30, 2019 and the project has a duration of two years.

Recently an Inception Report was submitted, which has provided details of meetings held during the Inception Phase as well as reviews of procedures being followed and functions of the concerned departments.

The report has also outlined capacity building needs of the R&BD and Working Group Members with initial recommendations. The report briefly described the possible directions, recommended using the Safe System Approach and intervention policy options, such as “Salamat (Safe)” Gujarat, which could be adopted to improve road safety in Gujarat.



Happy to be the part of GSHP-II on this important Assignment.

CELEBRATIONS OF WINNING

SKOCH AWARD

“GOLD” Category in Governance



R&BD showcased Second Gujarat State Highway Project (World Bank Assisted) with Special Focus on Innovative Financing and Green Highway Piloting.

Online submitted applications are screened by learned jury panels at SKOCH. Based on information provided by SKOCH group, out of around 1000 applications from all over India from different states and sectors, R&BD was invited to present the project to Jury. R&BD made presentations to Jury and shared best practices.

This was followed by popular votes and peer evaluation. At this stage, project got qualified in top 15% for semi-final round and also for national exhibition at Constitution Club, New Delhi.

Mehsana-Himatnagar DBFOMT contract showcasing implementation practices of Innovative financing and Green Highway with high learning potential and meritorious replicability reached out to many.

In the national level 61st SKOCH Summit on Governance, first R&BD-GOG project was awarded with ORDER OF MERIT CERTIFICATE.

Further based on expert jury and delegation evaluation, Second Gujarat State Highway Project emerged as Victorious in Governance with “GOLD” category under Infrastructure head.

R&BD-GOG received such honor through hands of Honorable Minister for Human Resource Development, Government of India- Dr Ramesh Pokhriyal 'Nishank' in New Delhi on 25th September, 2019.



Such appreciation through “SKOCH-GOLD Award in Governance” is the testimony of sincere efforts of the Government of Gujarat and The World Bank along with its stakeholders.

HIGHLIGHTS

CIVIL WORKS

- ▶ OPRC Civil Works started on ground.
- ▶ All EPC contracts are awarded.

ROAD SAFETY

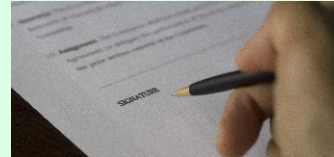
- ▶ Project Working Group meetings held with stakeholders along with introductory meeting of TA Road Safety.
- ▶ SCDP-2 Procurement Initiated.

CONSULTANCIES

- ▶ IC Actively Contributing towards O&M-MH-DBFOMT
- ▶ OPRC Consultants actively involved in OPRC Works.
- ▶ IDAP-1,2,3: Continued good progress on respective tasks.
- ▶ GujRAMS development is in progress.
- ▶ TA Road Safety Consultancy commenced.
- ▶ Authority Engineers (AE1,2,3) are mobilised before EPC Agencies.

PROCUREMENT

- ▶ All EPC contracts are successfully awarded.
- ▶ Goods and Equipment for STC: Procured IRC Publications.
- ▶ Integrated IT Application (SI): Financials Opened.



INSTITUTIONAL DEVELOPMENT

- ▶ Third Advance Seminar Workshop on Innovative Implementation Strategies was accomplished.
- ▶ Road Sector Policy publication process initiated.



PROGRESS

CIVIL WORKS

SCDP

Bharuch-Dehgam

Royal Infra Engineering Pvt. Ltd.



OPRC CIVIL WORKS

Dhandhuka - Dholera, Dhandhuka - Paliyad and Limbdi - Dhandhuka

Prakash Asphaltting & Toll Highways (India) Ltd.

 COMMENCED..

EPC-03

Vallabhipur-Ranghola

Kalthia Engineering & Construction Ltd.

 COMMENCED..

EPC-04

Dhoridungri - Garasiyawada - Lunawada

Shiwalay Infra Projects Pvt. Ltd.

 COMMENCED..



PHY
Physical Progress

FIN
Financial Progress (Civil Works), Fees Disbursed (Consultancy)

Progress as on September 2019 End

CONSULTANCIES (Fees Disbursed)

PMC

LEA Associates South Asia Pvt. Ltd



IDAP-GAAP 1

LEA Associates South Asia Pvt. Ltd



IDAP-GAAP 2

ICT in JV with PWC



IDAP-GAAP 3

Deloitte Touche Tohamatsu India Pvt. Ltd. in JV with CEG Ltd.



Internal Auditor

Agarwal & Dhandhania



OPRC

Feedback Infra Pvt. Ltd. in JV with Dong Myeong Engg. Consultants & Arch. Co. Ltd.



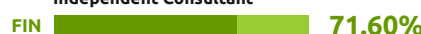
IC

Sheladia Associates INC



RAP-IA

Dr. Snehal Parmar
Independent Consultant



GujRAMS

SATRA Infra Management Services Pvt. Ltd., India
JV HIMS Limited New Zealand and ICT Pvt. Ltd.



TA-Road Safety

SWEROAD (Sweden) in collaboration with SAI (SYSTRA Group) and SHERWOOD

 COMMENCED..

AE-01 / 02 / 03

TPF Getinsa Euroestudios S.L., Spain in JV with Rodic Consultants Pvt Ltd, India

 COMMENCED..

WAY FORWARD

- ▶ Expedition of OPRC Civil works and EPC contracts
- ▶ Active Involvement of Authority Engineers in EPC Contract
- ▶ Goods and Equipment Procurement
- ▶ Procurement of SCDP-2
- ▶ Completion of System Integration Procurement

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