



ISLAMIC REPUBLIC OF AFGHANISTAN

MINISTRY OF PUBLIC WORKS

SECOND CAREC ROAD SAFETY WORKSHOP

Analysis of Road Crashes on
Selected CAREC Corridors

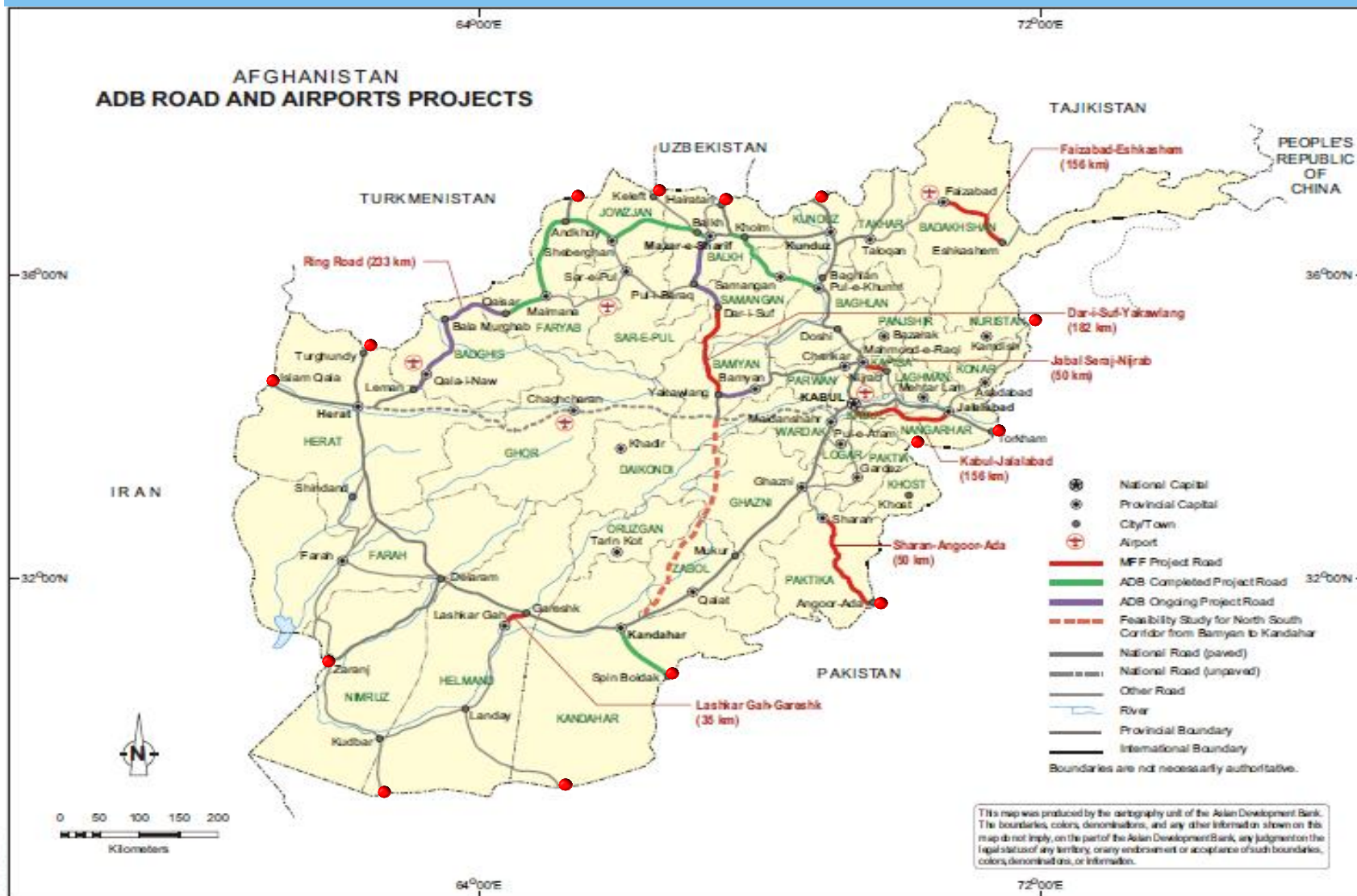
16 – 18 August 2016
Kuala Lumpur, Malaysia

Presented by: Technical Deputy Minister
Ahmad Wali Shairzay M.S.C.E



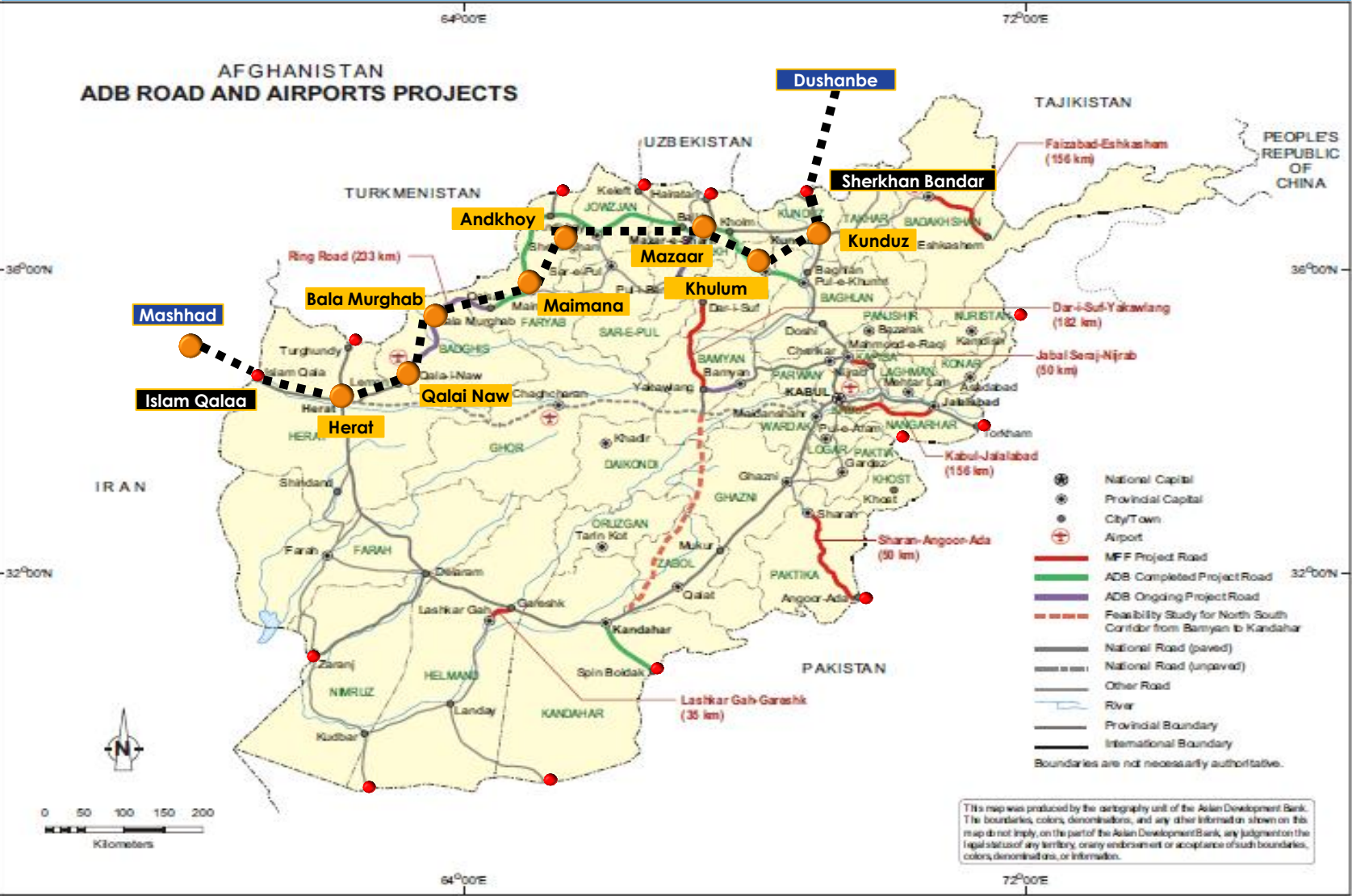
The Current Roadway Network In Afghanistan

Present and Future



CAREC's Central Asian Roadway Corridor

Corridor 3 In Afghanistan



Corridor **3** Components and Lengths

List of Road Links & City By-pass Projects planned for next 5 years

Name of Road (Project)	From	To	Length (km)
Shairkhan Bandar - Kunduz Second Carriageway	Shairkhan Bander (Border Post)	Kunduz City By-pass	63
Khulum – Kunduz	Kunduz City By-pass	Khulum City By-pass	152
Khulum – Mazar Second Carriageway	Khulum City By-pass	Mazar City By-pass	55
Mazar – Andkhoy Second Carriageway	Mazar City By-pass	Andkhoy City By-pass	182
Andkhoy – Maimana	Andkhoy City By-pass	Maimana City By-pass	131
Maimana – Balamurghab	Maimana City By-pass	Balamurghab City By-pass	174
Balamurghab – Qalai Naw	Balamurghab City By-pass	Qalai Naw City By-pass	90
Qalai Naw – Herat Second Carriageway	Qalai Naw City By-pass	Herat City By-pass	144
Herat – Islam Qalaa Second Carriageway	Herat City By-pass	Islam Qalaa Border Post	120
Total Corridor Length			1,111

Corridor **3** Crash Analysis

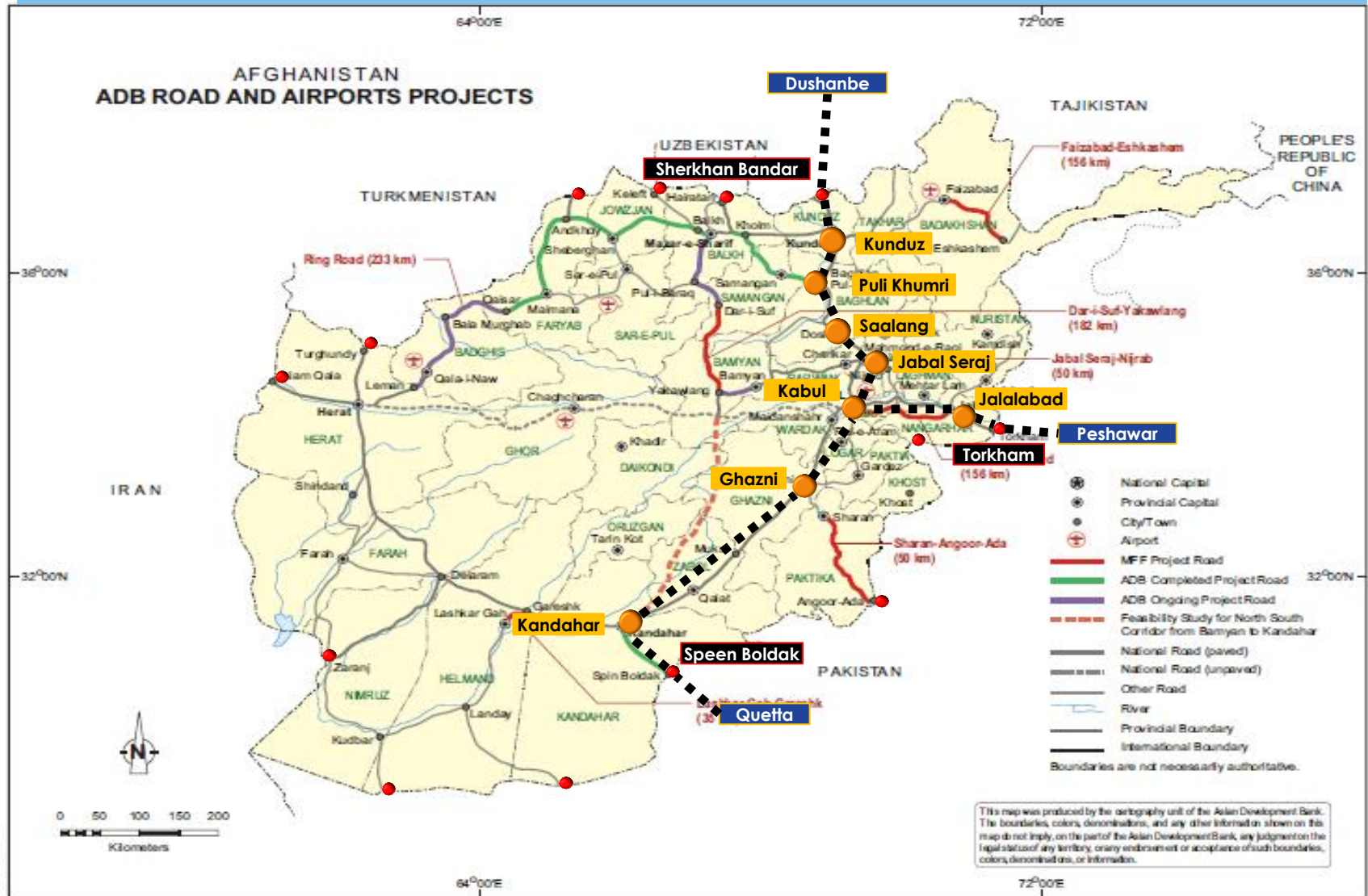
Crashes on planned CAREC Road Projects

Total crashes on all planned CAREC Road Projects

Types and location of reported crashes	Number	Reasons for reported crashes	Number
Single vehicle	645	Speed	516
Vehicles travelling in opposite directions	86	Overtaking error	172
At junction	43	Error at junction	-
Crashes with pedestrians	9	Not obeying traffic controls	86
Other	77	Drink driving	-
		Driver fatigue	-
		Other	86
Total	860	Total	860

CAREC's Central Asian Roadway Corridor

Corridor 5 In Afghanistan



Corridor **5** Components and Lengths

List of Road Links & City By-pass Projects planned for next 5 years

Name of Road (Project)	From	To	Length (km)
Shairkhan Bandar - Kunduz Second Carriageway	Shairkhan Bander (Border Post)	Kunduz City By-pass	63
Kunduz – Puli Khumri Second Carriageway	Kunduz City By-pass	Puli Khumri City By-pass	105
Puli Khumri – Saalang Second Carriageway	Puli Khumri City By-pass	Saalang Tunnel	105
Saalang – Jabal Seraj Second Carriageway	Saalang Tunnel	Jabal Seraj City-By-pass	60
Jabal Seraj – Kabul Second Carriageway	Jabal Seraj City-By-pass	Kabul City By-pass	66
Kabul – Jalalabad Alternative Road	Kabul City By-pass	Jalalabad City By-pass	146
Jalalabad -Torkham	Jalalabad City By-pass	Torkham (Border Post)	76
Total Corridor Length			621

Corridor **5A** Components and Lengths

List of Road Links & City By-pass Projects planned for next 5 years

Name of Road (Project)	From	To	Length (km)
Shairkhan Bandar - Kunduz Second Carriageway	Shairkhan Bander (Border Post)	Kunduz City By-pass	63
Kunduz – Puli Khumri Second Carriageway	Kunduz City By-pass	Puli Khumri City By-pass	105
Puli Khumri – Saalang Second Carriageway	Puli Khumri City By-pass	Saalang Tunnel	105
Saalang – Jabal Seraj Second Carriageway	Saalang Tunnel	Jabal Seraj City-By-pass	60
Jabal Seraj – Kabul Second Carriageway	Jabal Seraj City-By-pass	Kabul City By-pass	66
Kabul – Ghazni Second Carriageway	Kabul City By-pass	Ghazni City By-pass	128
Ghazni – Kandahar Second Carriageway	Ghazni City By-pass	Kandahar City By-pass	613
Kandahar – Speen Boldak Second Carriageway	Kandahar City By-pass	Speen Boldak (Border Post)	123
Total Corridor Length			1,263

Corridor **5** Crash Analysis

Crashes on planned CAREC Road Projects

Total crashes on all planned CAREC Road Projects	2014
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Types and location of reported crashes	Number	Reasons for reported crashes	Number
Single vehicle	1,113	Speed	1,040
Vehicles travelling in opposite directions	148	Overtaking error	148
At junction	74	Error at junction	-
Crashes with pedestrians	15	Not obeying traffic controls	148
Other	133	Drink driving	-
		Driver fatigue	-
		Other	148
Total	1,484	Total	1,484

Corridor **5A** Crash Analysis

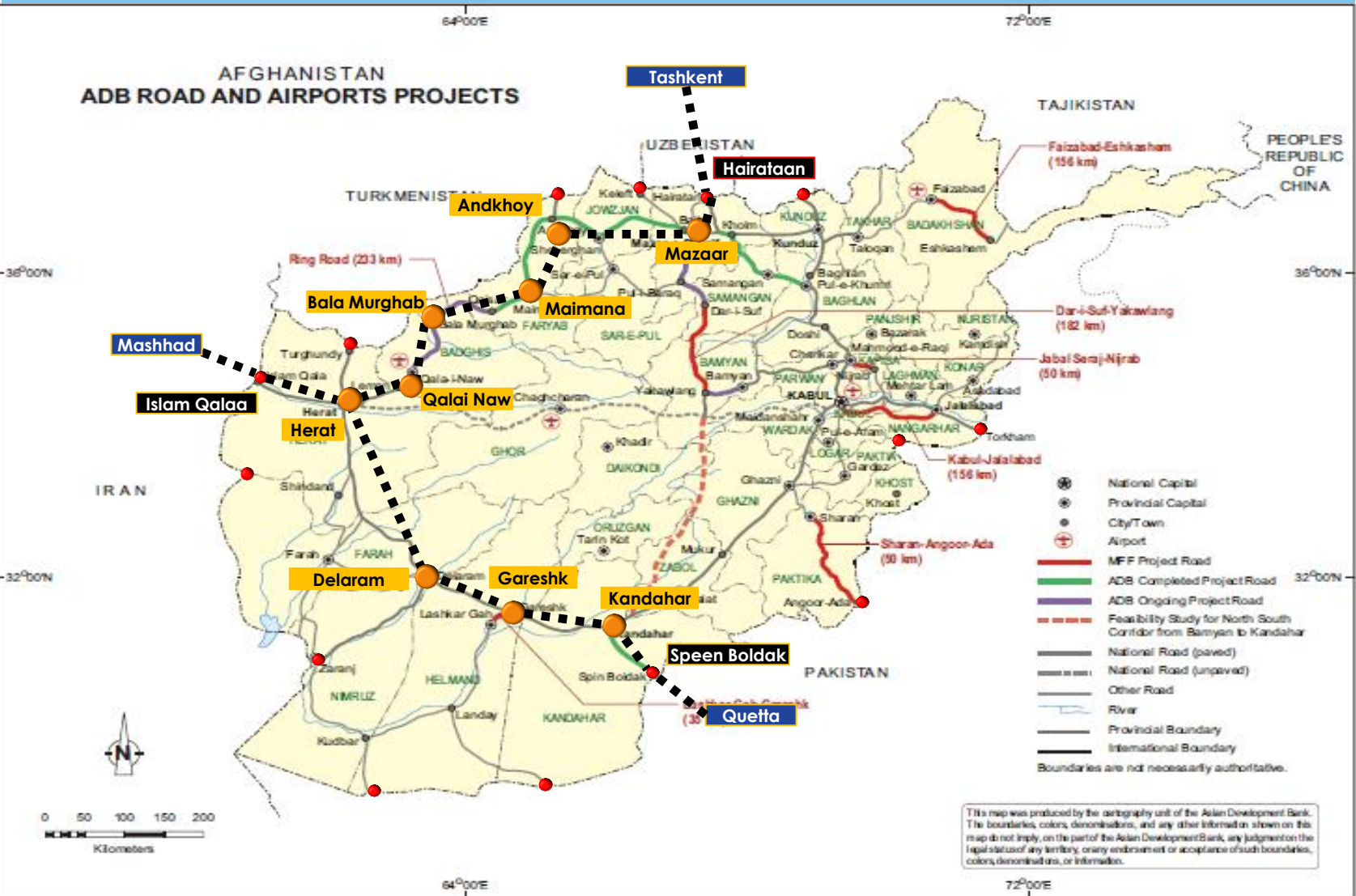
Crashes on planned CAREC Road Projects

Total crashes on all planned CAREC Road Projects

Types and location of reported crashes	Number	Reasons for reported crashes	Number
Single vehicle	1,430	Speed	1,335
Vehicles travelling in opposite directions	190	Overtaking error	190
At junction	95	Error at junction	-
Crashes with pedestrians	20	Not obeying traffic controls	192
Other	172	Drink driving	-
		Driver fatigue	-
		Other	190
Total	1,907	Total	1,907

CAREC's Central Asian Roadway Corridor

Corridor 6 In Afghanistan



Corridor **6** Components and Lengths

List of Road Links & City By-pass Projects planned for next 5 years

Name of Road (Project)	From	To	Length (km)
Hairatan- Mazar Second Carriageway	Hairatan Bander (Border Post)	Mazar City By-pass	100
Mazar – Andkhoy Second Carriageway	Mazar City By-pass	Andkhoy City By-pass	202
Andkhoy – Maimana	Andkhoy City By-pass	Maimana City By-pass	131
Maimana – Balamurghab	Maimana City By-pass	Balamurghab City By-pass	174
Balamurghab – Qalai Naw	Balamurghab City By-pass	Qalai Naw City By-pass	90
Qalai Naw – Herat Second Carriageway	Qalai Naw City By-pass	Herat City By-pass	144
Herat – Islam Qalaa Second Carriageway	Herat City By-pass	Islam Qalaa (Border Post)	120
Herat – Delaram Second Carriageway	Herat City By-pass	Delaram City Bypass	324
Delaram – Gareshk Herat City By-pass	Delaram City Bypass	Grareshk City By-pass	130
Total Corridor Length			1,415

Corridor **6A** Components and Lengths

List of Road Links & City By-pass Projects planned for next 5 years

Name of Road (Project)	From	To	Length (km)
Hairatan- Mazar Second Carriageway	Hairatan Bander (Border Post)	Mazar City By-pass	100
Mazar – Andkhoy Second Carriageway	Mazar City By-pass	Andkhoy City By-pass	202
Andkhoy – Maimana	Andkhoy City By-pass	Maimana City By-pass	131
Maimana – Balamurghab	Maimana City By-pass	Balamurghab City By-pass	174
Balamurghab – Qalai Naw	Balamurghab City By-pass	Qalai Naw City By-pass	90
Qalai Naw – Herat Second Carriageway	Qalai Naw City By-pass	Herat City By-pass	144
Herat – Delaram Second Carriageway	Herat City By-pass	Delaram City Bypass	324
Delaram – Gareshk Second Carriageway	Delaram City Bypass	Gareshk City By-pass	130
Gareshk – Kandahar Second Carriageway	Gareshk City By-pass	Kandahar City-Bypass	166
Kandahar – Speen Boldak	Kandahar City By-pass	Speen Boldak (Border Post)	103
Total Corridor Length			1,564

Corridor 6 Crash Analysis

Crashes on planned CAREC Road Projects

Total crashes on all planned CAREC Road Projects

Types and location of reported crashes	Number	Reasons for reported crashes	Number
Single vehicle	713	Speed	665
Vehicles travelling in opposite directions	95	Overtaking error	96
At junction	48	Error at junction	-
Crashes with pedestrians	10	Not obeying traffic controls	95
Other	85	Drink driving	-
		Driver fatigue	-
		Other	95
Total	951	Total	951

Corridor 6A Crash Analysis

Crashes on planned CAREC Road Projects

Total crashes on all planned CAREC Road Projects

Types and location of reported crashes	Number	Reasons for reported crashes	Number
Single vehicle	915	Speed	920
Vehicles travelling in opposite directions	122	Overtaking error	127
At junction	61	Error at junction	-
Crashes with pedestrians	12	Not obeying traffic controls	122
Other	110	Drink driving	-
		Driver fatigue	-
		Other	61
Total	1,120	Total	1,220



Thank You

Спасибо

تشکر

