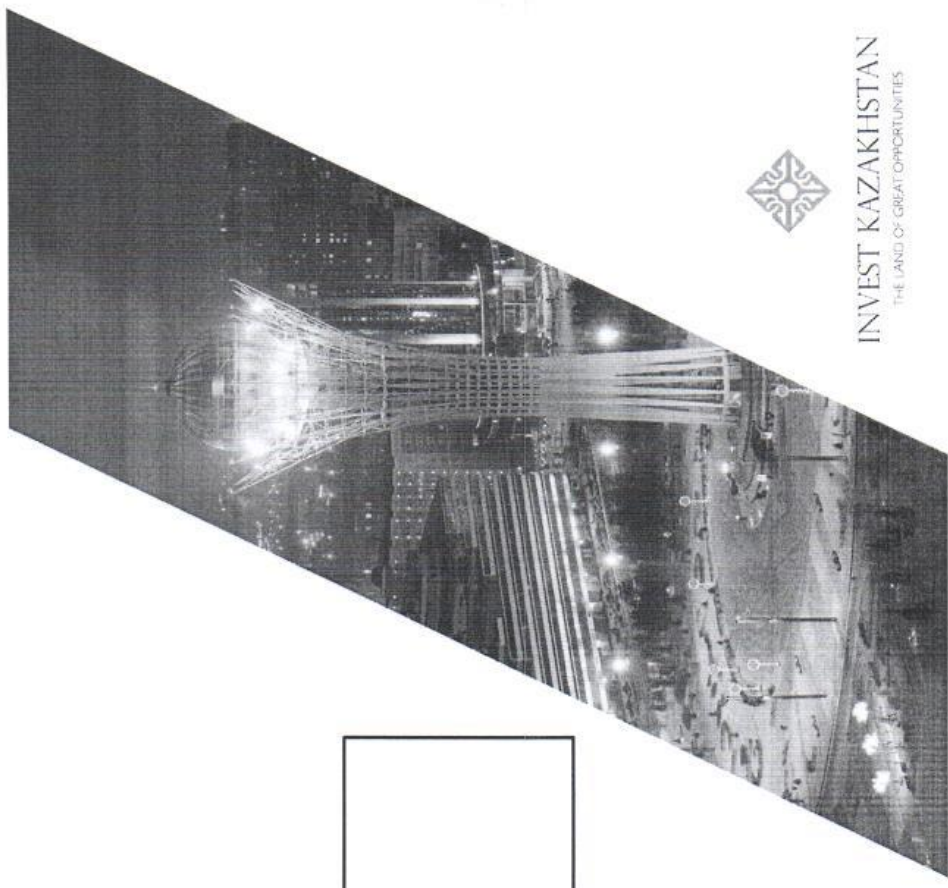




Investment Proposals for Pappenburg AG



INVEST KAZAKHSTAN
THE LAND OF GREAT OPPORTUNITIES

LIST OF PROJECTS

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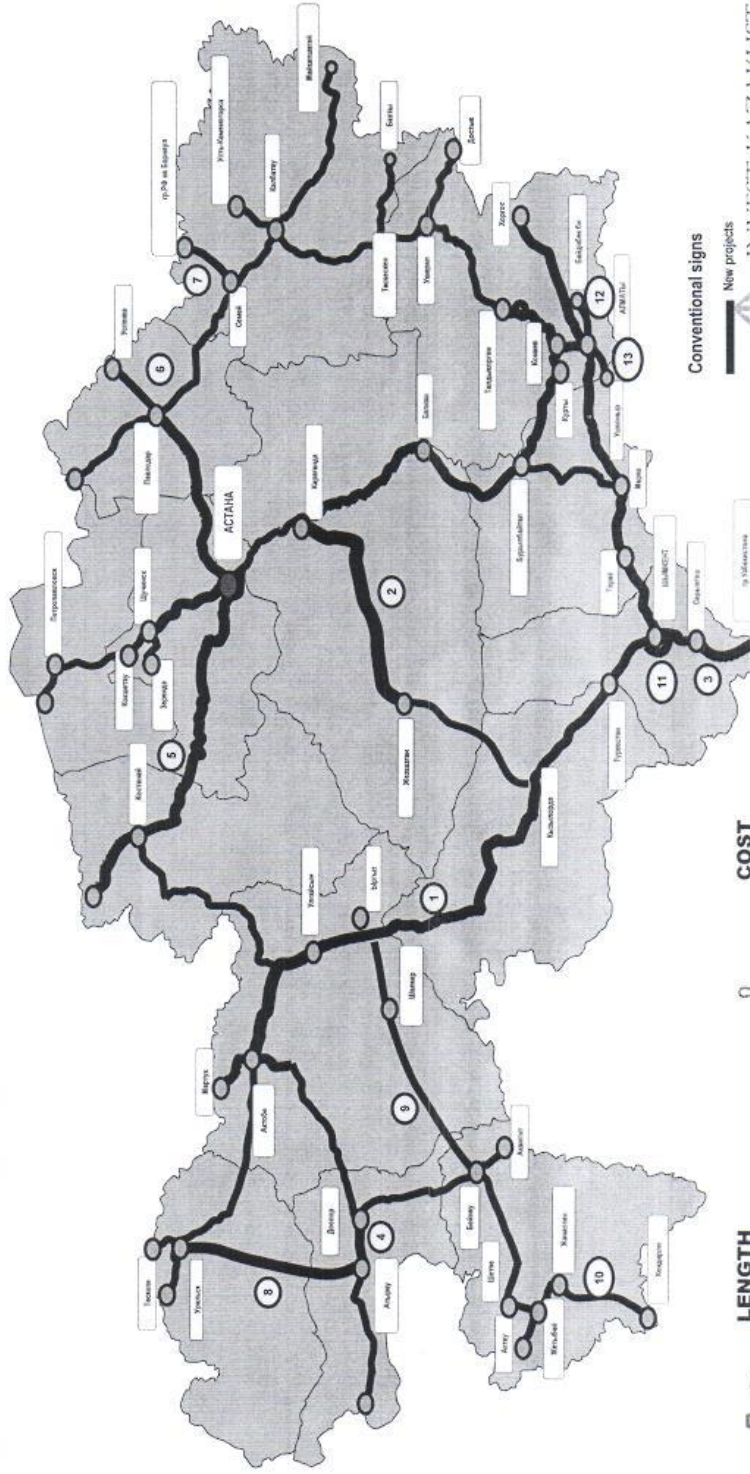


KAZAKH INVEST
National Company

PERSPECTIVE ROAD PROJECTS

№	Name of the projects	Total length, km	Cost of project bln. USD	Implementation period	
				DED	CAW
1	Aktobe-Ulgaisyn-Kyzylorda, I cat	1363	4,5	2022-2026	2024-2030
2	Karaganda-Zhezkazgan, I, II cat.	513	2,3	2022-2024	2024-2027
3	Sarygash bypass, I cat.	102	0,4	2023-2024	2024-2027
4	Atyrau-Dossor, I cat.	86	0,25	2024-2025	2025-2028
5	Astana-Kostanai-RF.border, I cat.	830	2,7	2025-2027	2026-2030
6	Pavlodar-Uspenka-RF border, II cat.	225	0,4	2026-2027	2027-2030
7	Semey-RF.border (to Barnaul), II cat.	111	0,2	2026-2027	2027-2030
8	Atyrau-Uralsk, I cat.	521	1,7	2023-2025	2025-2029
9	Beineu-Shalkar-Yrgyz, II cat.	665	1,2	2023-2025	2025-2030
10	Zhanaozen-Kendirli, II cat.	156	0,27	2026-2027	2027-2030
11	Shymkent bypass, I cat.	48	0,15	2027-2028	2028-2030
12	Almaty-Taigar-Baidybek bi, I cat.	68	0,22	2027-2028	2029-2032
13	Almaty-Ushkonyr, I cat.	48	0,15	2027-2028	2029-2032
TOTAL		4 736	14,4		

MAP OF ROAD INVESTMENT AVENUES



LENGTH
Construction and reconstruction
4,7

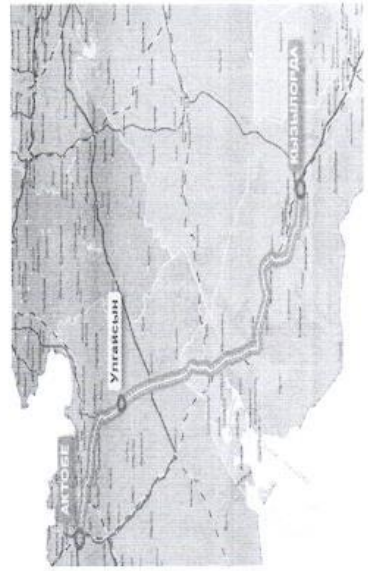
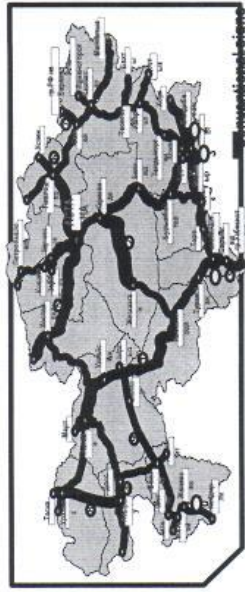
COST
\$14,4

Conventional signs  New projects 

INVEST KAZAKHISTAN
THE LAND OF GREAT OPPORTUNITIES

ROAD RECONSTRUCTION PROJECTS

INITIATOR LOCATION	Ministry of Transport of the Republic of Kazakhstan RF b. – AKTOBE – ULGAISYN – KYZYLORDA
PROJECT DESCRIPTION	
Implementation period	2024 – 2030
Length of the section	1363 km
Technical category	I
Number of lanes	4
Total cost of the project	4,5 bil. USD
Work places	5 892 people
Current status	The PED is being developed, the completion date is phased in the period 2023-2024.
Proposed source of funding	RB, IFI

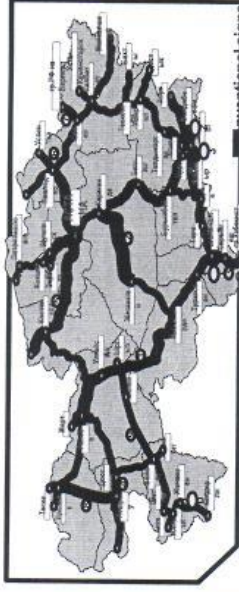


ROAD RECONSTRUCTION PROJECTS

INITIATOR	Ministry of Transport of the Republic of Kazakhstan
LOCATION	ASTANA – KOSTANAI – RUSSIAN FEDERATION BORDER



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PROJECT DESCRIPTION

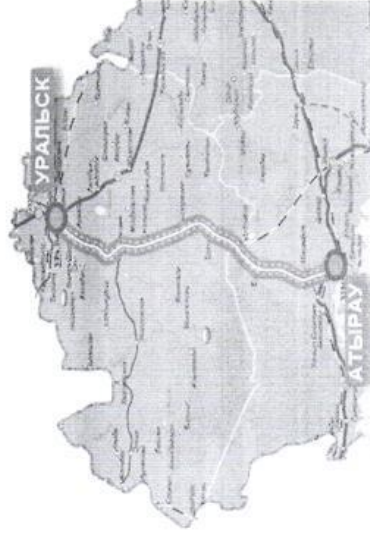
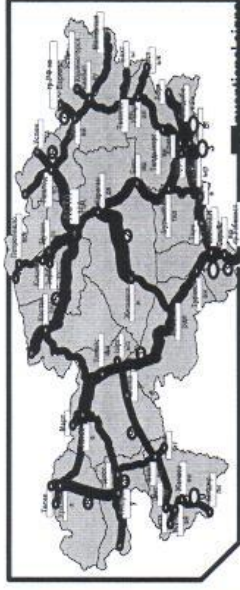
Implementation period	2026 – 2030
Length of the section	830 KM
Technical category	I
Number of lanes	4
Total cost of the project	2,7 bil. USD
Work places	10 061 people
Current status	It is necessary to obtain an economic conclusion, it is required to develop a feasibility study, a PED
Proposed source of funding	Not defined

ROAD RECONSTRUCTION PROJECTS

INITIATOR	Ministry of Transport of the Republic of Kazakhstan	
LOCATION	ATYRAU – URALSK" AND "ATYRAU – DOSSOR	



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THE LAND OF GREAT OPPORTUNITIES

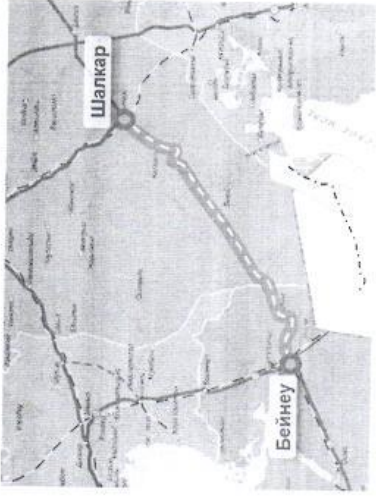
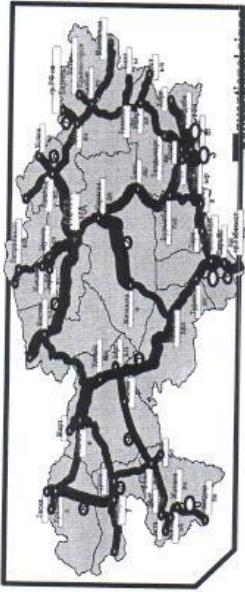


PROJECT DESCRIPTION

	2025 – 2029	2025 – 2028
Implementation period		
Length of the section	521 km	86 km
Technical category	I	I
Number of lanes	4	4
Total cost of the project	1,7 bli. USD	0,25 bli. USD
Work places	6 167 people	2113 people
Current status	The PED is being developed, the completion date is until the end of 2024.	It is necessary to obtain an economic conclusion, it is required to develop a feasibility study, a PED
Proposed source of funding	RB, IFI	RB, IFI

ROAD RECONSTRUCTION PROJECTS

<p>INITIATOR LOCATION</p>	<p>Ministry of Transport of the Republic of Kazakhstan BEINEU – SHALKAR</p>
<p>PROJECT DESCRIPTION</p>	
<p>Implementation period</p>	<p>2025 – 2030</p>
<p>Length of the section</p>	<p>515</p>
<p>Technical category</p>	<p>II</p>
<p>Number of lanes</p>	<p>2</p>
<p>Total cost of the project</p>	<p>1,2 bil. USD</p>
<p>Work places</p>	<p>6103 people</p>
<p>Current status</p>	<p>There is an economic conclusion, the development of the feasibility study 2023-2024, the development of the PED 2024-2025.</p>
<p>Proposed source of funding</p>	<p>RB, IFI</p>

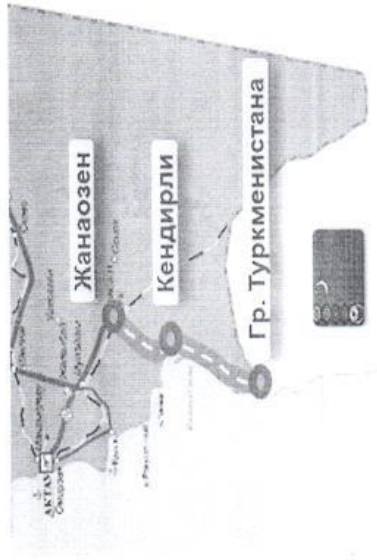
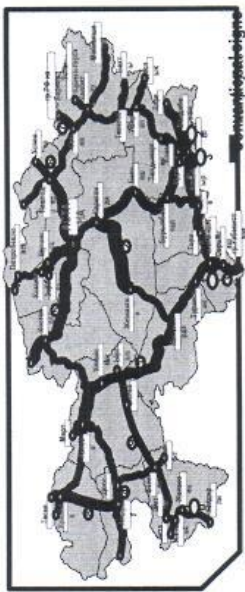


ROAD RECONSTRUCTION PROJECTS

INITIATOR LOCATION	Ministry of Transport of the Republic of Kazakhstan ZHANA OZEN – KENDIRLI – B. OF TURKMENISTAN
PROJECT DESCRIPTION	
Implementation period	2027-2030
Length of the section	156 km
Technical category	II
Number of lanes	2
Total cost of the project	0,27 bil. USD
Work places	1848 people
Current status	An economic conclusion is needed, the development of a feasibility study, a PED is required
Proposed source of funding	RB, IFI

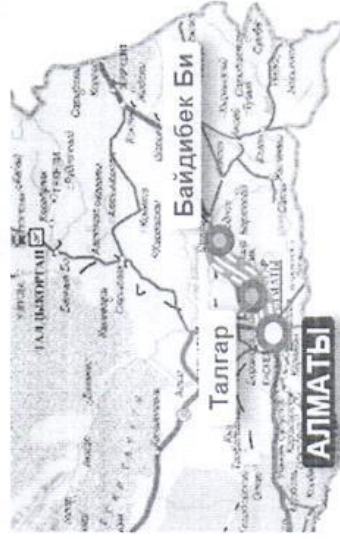
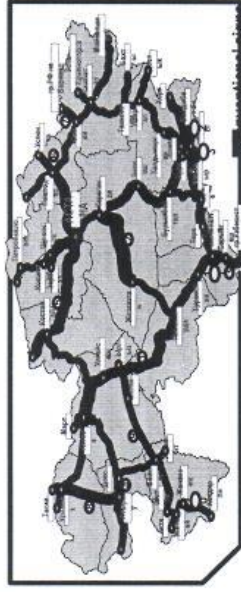


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THE LAND OF GREAT OPPORTUNITIES



ROAD RECONSTRUCTION PROJECTS

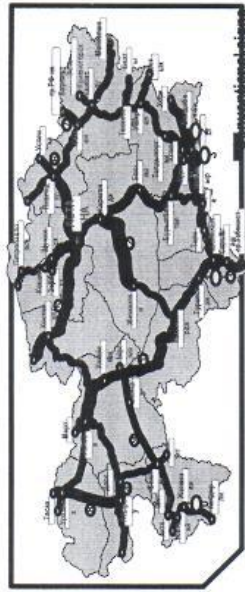
INITIATOR	Ministry of Transport of the Republic of Kazakhstan	
LOCATION	ALMATY – TALGAR – BAIDYBEK BI" AND "ALMATY – USHKONYR	



PROJECT DESCRIPTION		
	2029-2032	2029-2032
Implementation period	2029-2032	2029-2032
Length of the section	68 km	48 km
Technical category	I	I
Number of lanes	4	4
Total cost of the project	0,22 bil. USD	0,15 bil. USD
Work places	1670 people	1179 people
Current status	An economic conclusion is needed, the development of a feasibility study, a PED is required	An economic conclusion is needed, the development of a feasibility study, a PED is required
Proposed source of funding	Not defined	

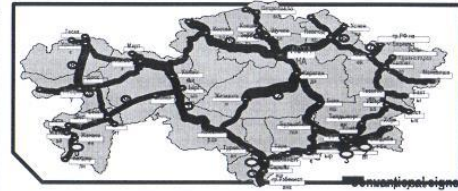
ROAD RECONSTRUCTION PROJECTS

INITIATOR LOCATION	Ministry of Transport of the Republic of Kazakhstan PAVLODAR – USPENKA – RUSSIAN FEDERATION border and SEMEY – RUSSIAN FEDERATION BORDER	
PROJECT DESCRIPTION		
Implementation period	2027-2030	2027-2023
Length of the section	225 KM	111 KM
Technical category	II	II
Number of lanes	2	2
Total cost of the project	0,4 bli. USD	0,2 bli. USD
Work places	2049 people	1433 people
Current status	An economic conclusion is needed, the development of a feasibility study, a PED is required	An economic conclusion is needed, the development of a feasibility study, a PED is required
Proposed source of funding	Not defined	



ROAD RECONSTRUCTION PROJECTS

INITIATOR	Ministry of Transport of the Republic of Kazakhstan
LOCATION	CONSTRUCTION OF THE SOUTH-WESTERN BYPASS OF THE CITY OF SHYMKENT



PROJECT DESCRIPTION	
Implementation period	2028 – 2030
Length of the section	48 km
Technical category	I
Number of lanes	4
Total cost of the project	0,15 bln. USD
Work places	727 people
Current status	The feasibility study needs to be adjusted (2018), the source of funding is being determined
Proposed source of funding	PPP with the conclusion of an EPCM contract