



CENTRAL ASIA REGIONAL ECONOMIC COOPERATION (CAREC)

19th Transport Sector Coordination Committee Workshop

Almaty

(19-20 October)

SEQUENCE OF PRESENTATION

- **Introduction**
- **CAREC details**
- **CAREC Projects**
- **Road Assets Management**
- **Road Safety**
- **Railway**
- **Aviation**

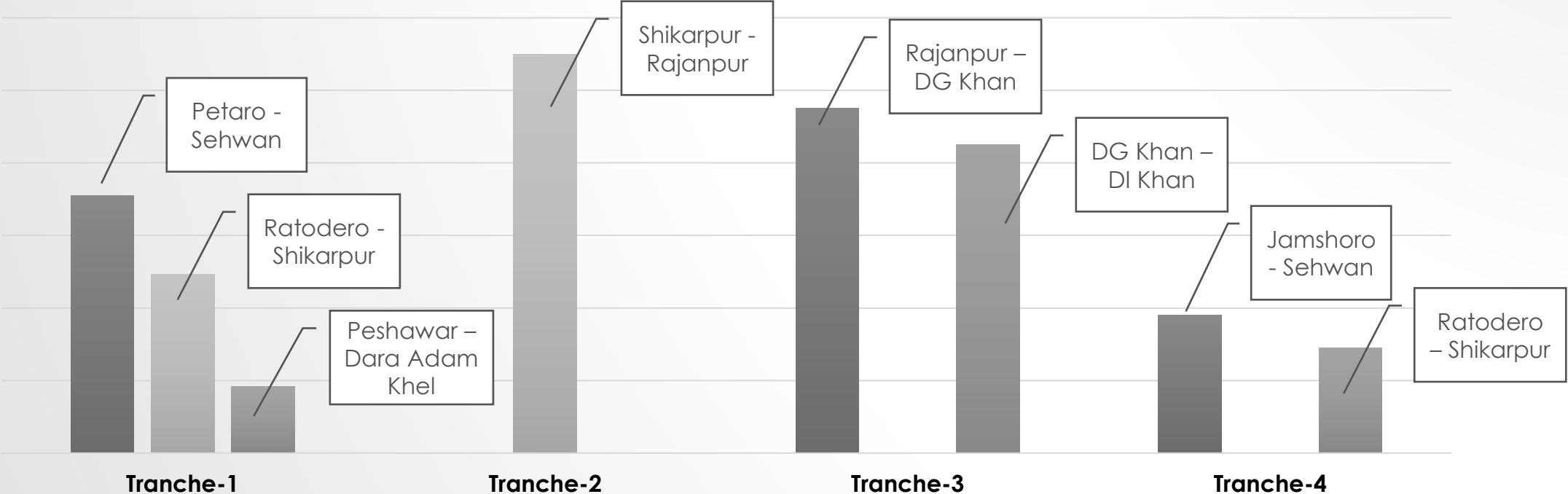
INTRODUCTION

- The Central Asia Regional Economic Cooperation (CAREC) Programme is a partnership of 11 countries including Afghanistan, Azerbaijan, China, Georgia, Kazakhstan, Kyrgyz republic, Magnolia, Pakistan, Tajikistan, Turkmenistan and Uzbekistan, and development partners working together to promote development through cooperation, leading to accelerated economic growth and poverty reduction.
- In road sector, on behalf of Government of Pakistan, National Highway Authority (NHA), Ministry of Communications, has been implementing CAREC Programme for dualization of Indus Highway (N-55) which is a part of CAREC Corridor 5.
- Asian Development Bank (ADB) has funded the CAREC Programme

ADB's ASSISTANCE

- In 2015, the Asian Development Bank cleared the concept-paper for extending a Multi-Tranche Financing Facility (MFF) to the Government of Pakistan (GoP), aimed at developing CAREC corridor in Pakistan.
- Followed by ADB's Fact Finding in 2017, this Investment Program was approved in September 2017.
- The MFF program focuses on improving 870km Indus Highway (N55) from Petaro to Peshawar and enhancing institutional capacity of executing agencies, over a course of 10 years.
- Cost of this program was estimated as US\$ 925 Million, with 86% financing as Ordinary Capital Resource (OCR) loan i.e. US\$ 800 Million from ADB and counterpart share of US\$ 125 Million by the GoP.
- The programme was originally planned in three phases / tranches and later amended to be implemented in four tranches / phases.

CAREC IMPLEMENTATION PLAN (TRANCHES)



Total Program = US\$ 800 Million
 Tranche-1 = US\$ 120 Million
 Tranche-2 = US\$ 250 Million
 Tranche-3 = US\$ 330 Million
 Tranche-4 = US\$ 100 Million

(estimated figures for Tranche-3 & 4. Tranche-4 projects will be considered depending on available funds under the MFF)

Tranche-4 Projects are rehabilitation and improvement of Existing road sections

CAREC CORRIDOR DEVELOPMENT INVESTMENT PROGRAM

THE PROJECTS

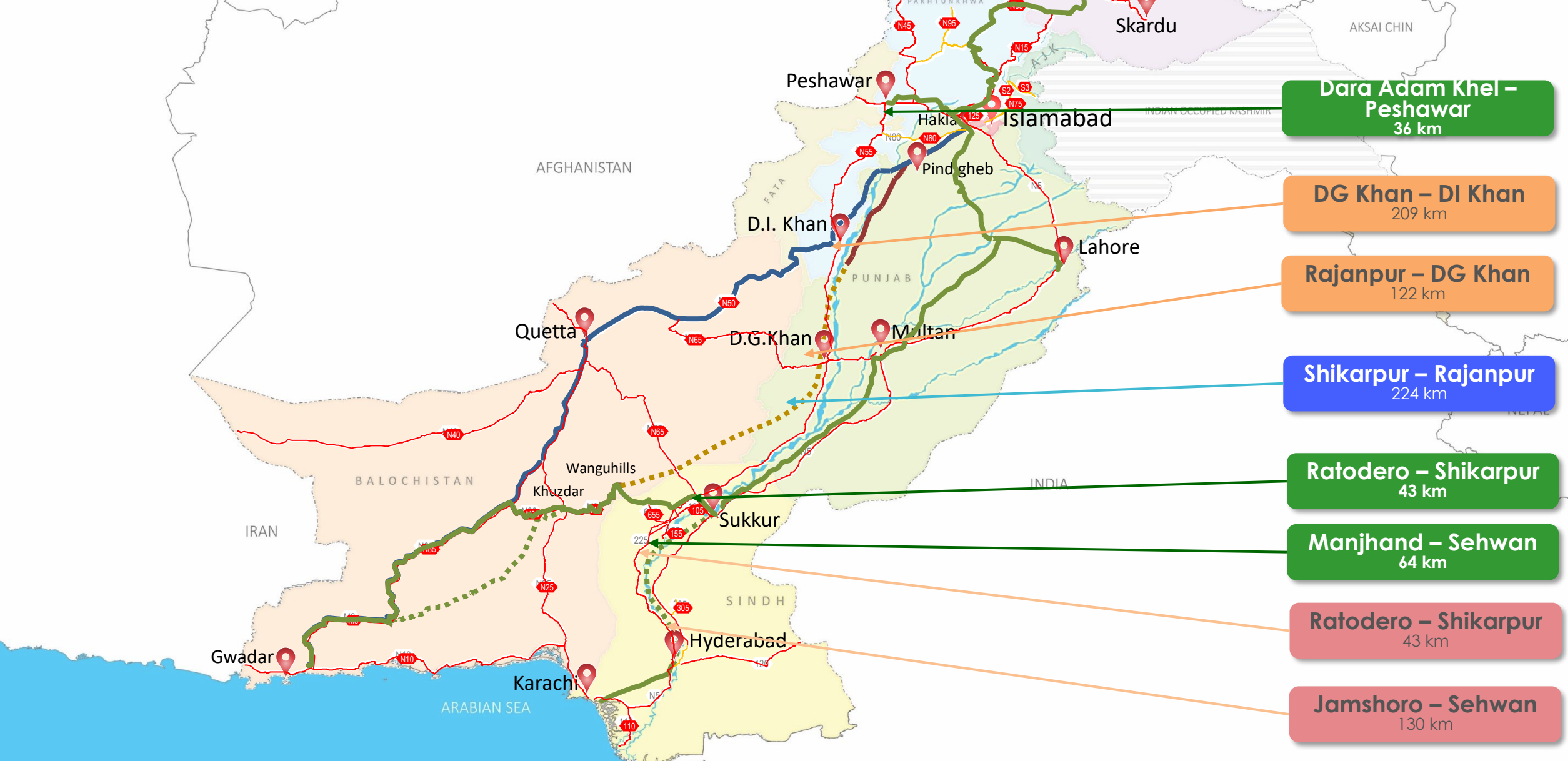
Central Asia Regional Economic Cooperation (CAREC)

Tranche-1

Tranche-2

Tranche-3

Tranche-4

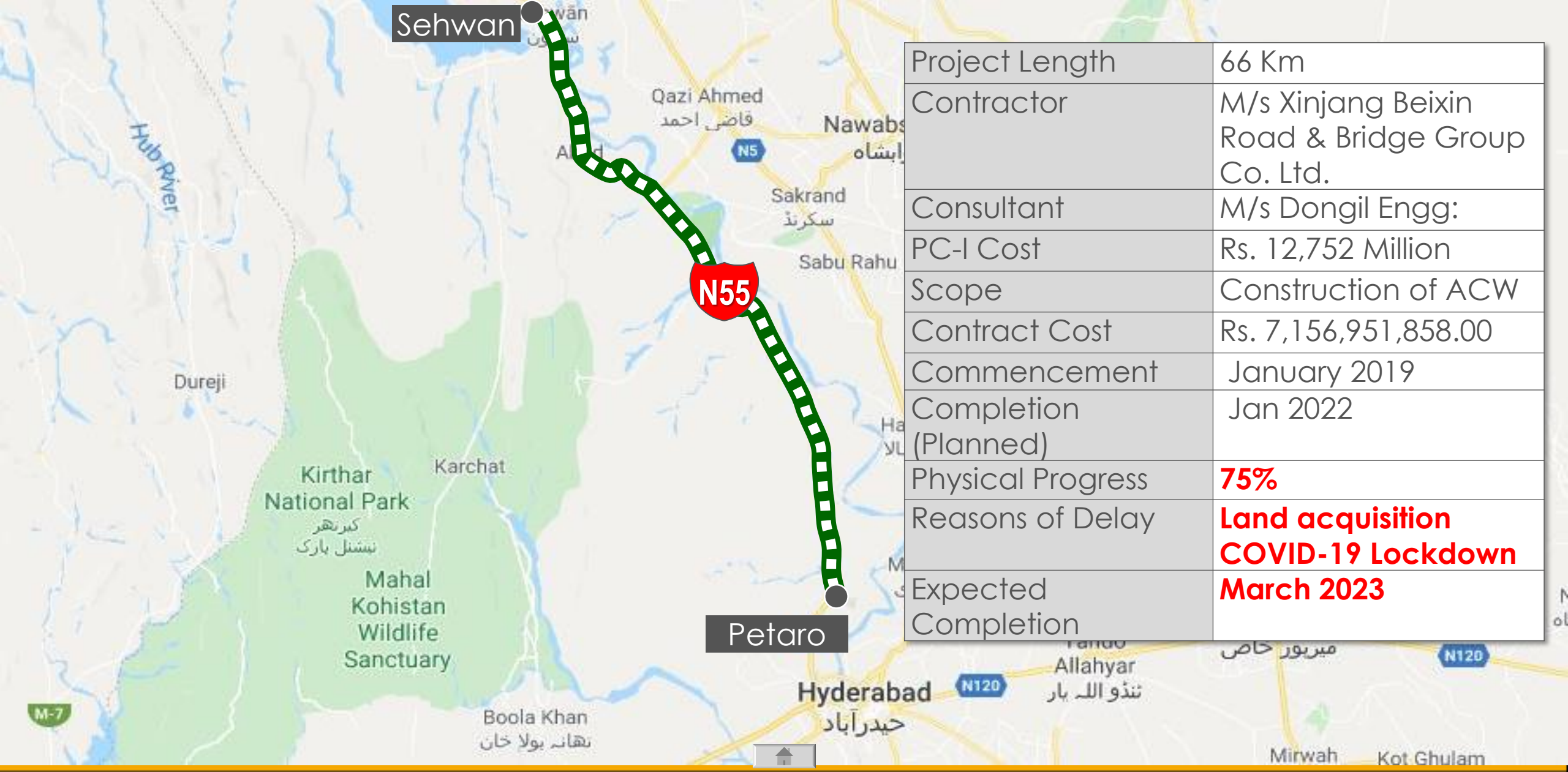


CAREC CORRIDOR DEVELOPMENT INVESTMENT PROGRAM



TRANCHE-1 LOAN SIGNED & UNDER IMPLEMENTATION

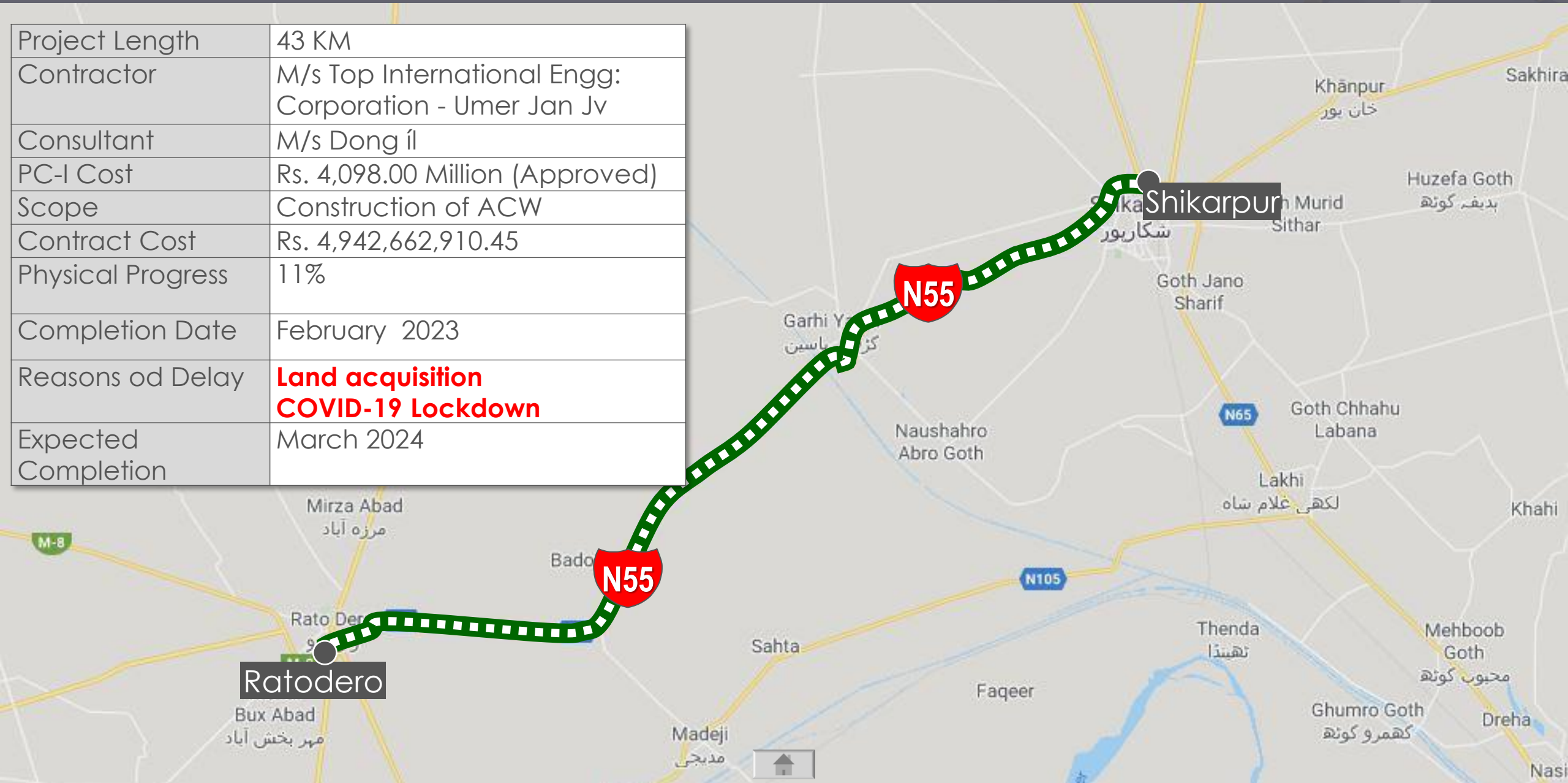
PETARO – SEHWAN (N-55) 66 KM



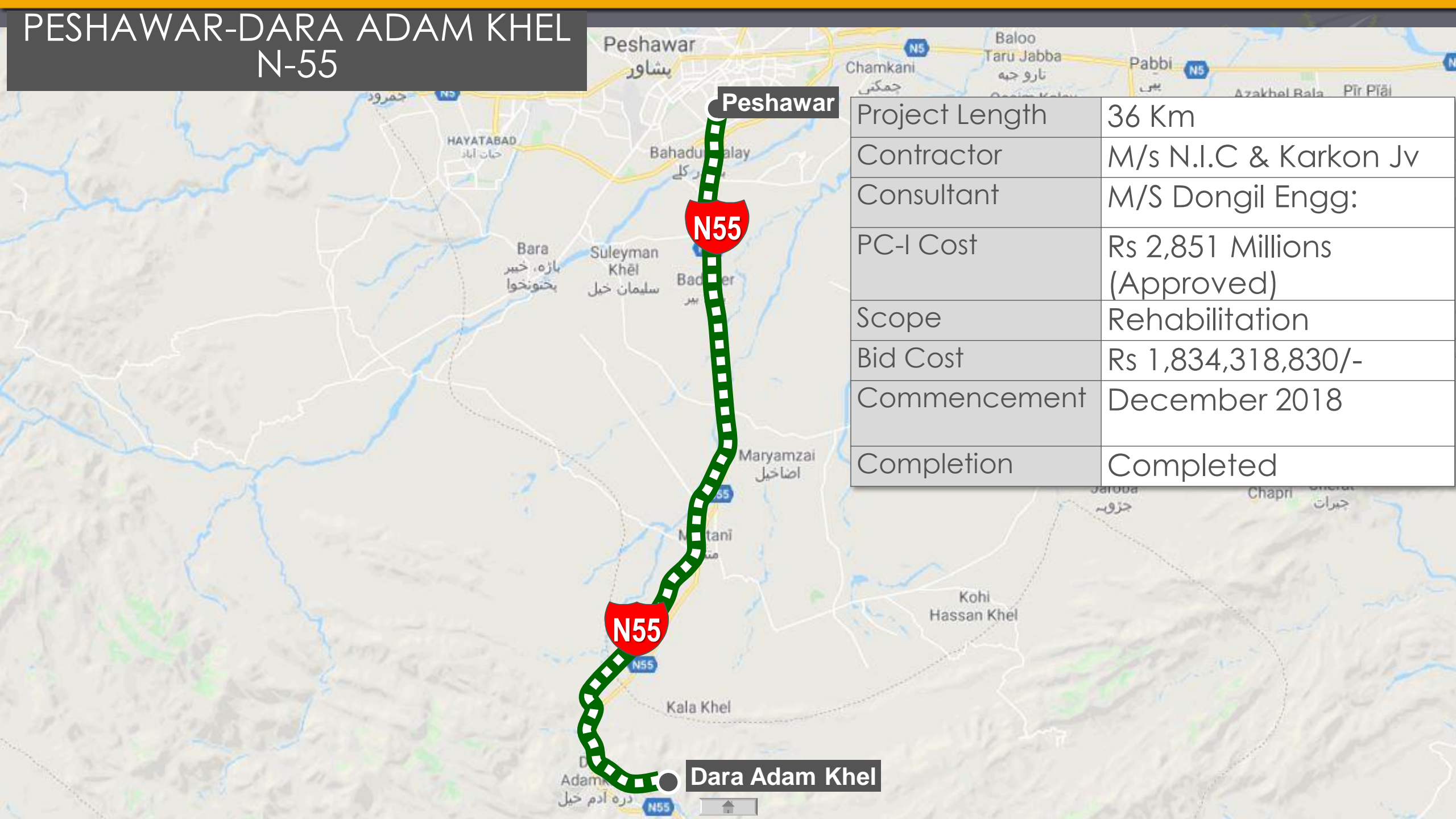
Project Length	66 Km
Contractor	M/s Xinjiang Beixin Road & Bridge Group Co. Ltd.
Consultant	M/s Dongil Engg:
PC-I Cost	Rs. 12,752 Million
Scope	Construction of ACW
Contract Cost	Rs. 7,156,951,858.00
Commencement	January 2019
Completion (Planned)	Jan 2022
Physical Progress	75%
Reasons of Delay	Land acquisition COVID-19 Lockdown
Expected Completion	March 2023

RATODERO – SHIKARPUR (N-55) 43 KM

Project Length	43 KM
Contractor	M/s Top International Engg: Corporation - Umer Jan Jv
Consultant	M/s Dong íl
PC-I Cost	Rs. 4,098.00 Million (Approved)
Scope	Construction of ACW
Contract Cost	Rs. 4,942,662,910.45
Physical Progress	11%
Completion Date	February 2023
Reasons od Delay	Land acquisition COVID-19 Lockdown
Expected Completion	March 2024



PESHAWAR-DARA ADAM KHEL N-55



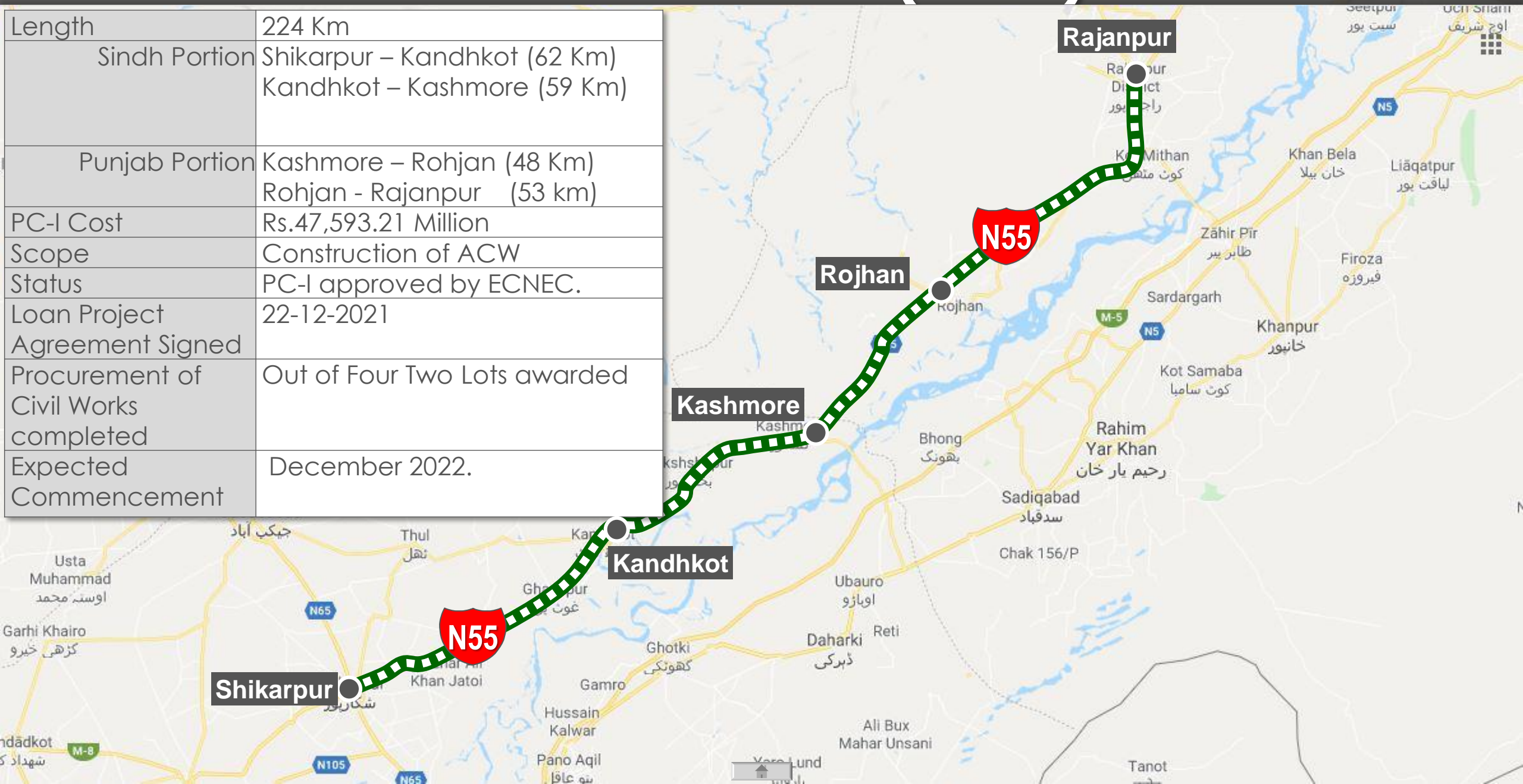
Project Length	36 Km
Contractor	M/s N.I.C & Karkon Jv
Consultant	M/S Dongil Engg:
PC-I Cost	Rs 2,851 Millions (Approved)
Scope	Rehabilitation
Bid Cost	Rs 1,834,318,830/-
Commencement	December 2018
Completion	Completed

CAREC CORRIDOR DEVELOPMENT INVESTMENT PROGRAM

TRANCHE-2

SHIKARPUR-RAJANPUR (N-55) 224 KM

Length	224 Km
Sindh Portion	Shikarpur – Kandhkot (62 Km) Kandhkot – Kashmore (59 Km)
Punjab Portion	Kashmore – Rohjan (48 Km) Rohjan - Rajanpur (53 km)
PC-I Cost	Rs.47,593.21 Million
Scope	Construction of ACW
Status	PC-I approved by ECNEC.
Loan Project Agreement Signed	22-12-2021
Procurement of Civil Works completed	Out of Four Two Lots awarded
Expected Commencement	December 2022.

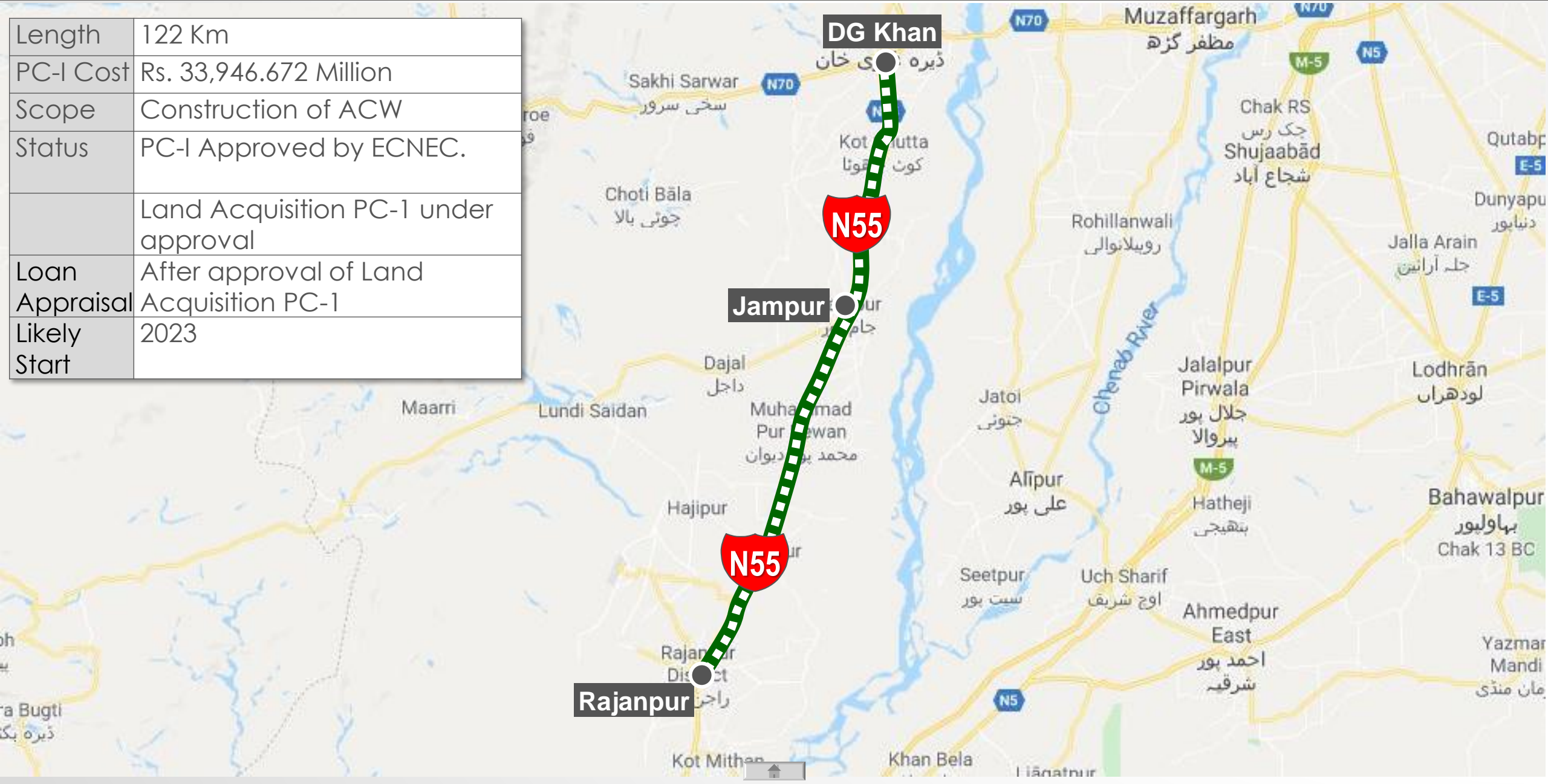


CAREC CORRIDOR DEVELOPMENT INVESTMENT PROGRAM

TRANCHE-3
DETAILED DESIGNING AND LAND
ACQUISITION TO BE CARRIED OUT

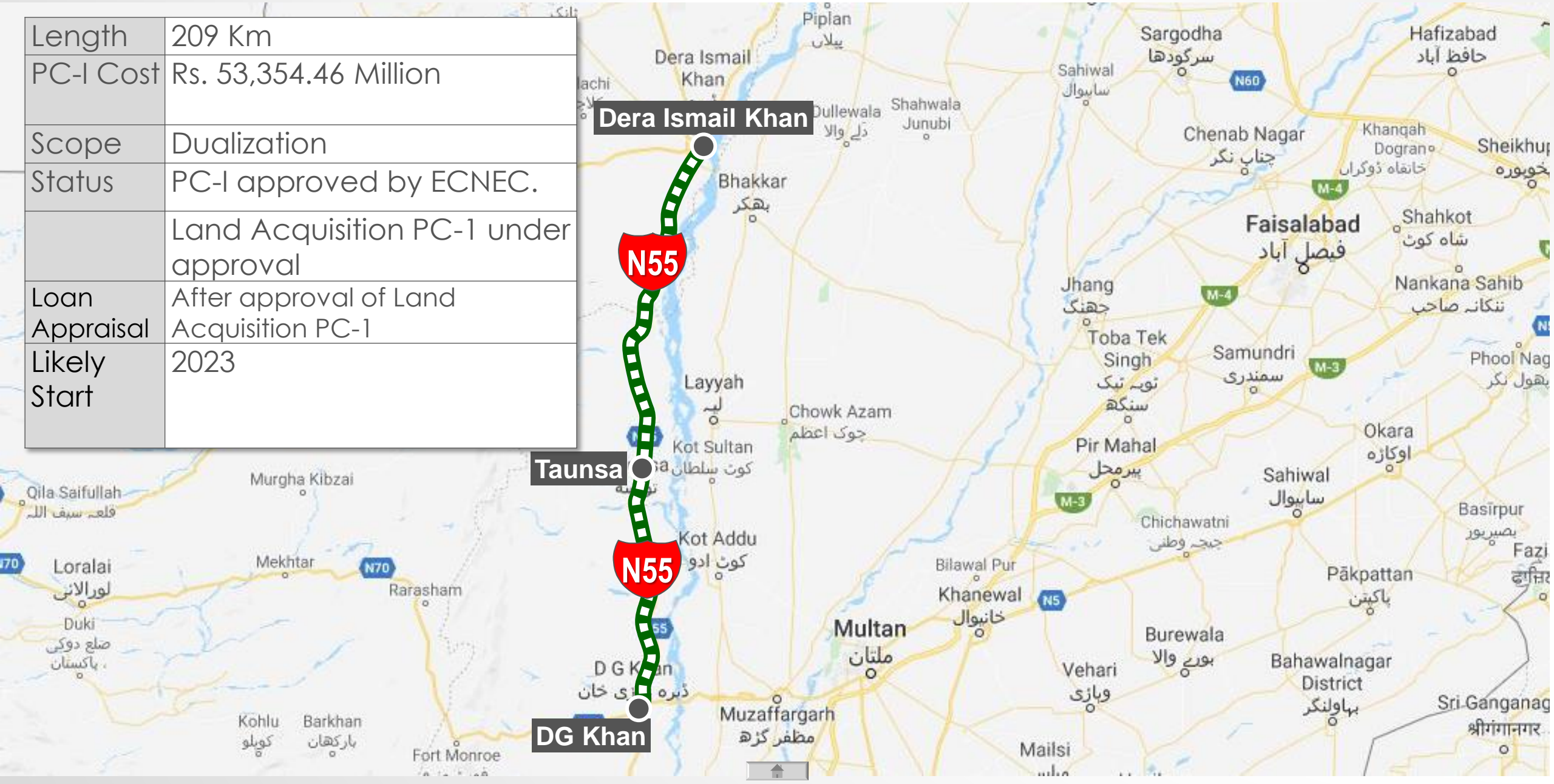
RAJANPUR-DG KHAN (N-55) 122 KM

Length	122 Km
PC-I Cost	Rs. 33,946.672 Million
Scope	Construction of ACW
Status	PC-I Approved by ECNEC.
	Land Acquisition PC-1 under approval
Loan Appraisal	After approval of Land Acquisition PC-1
Likely Start	2023



DG KHAN-DI KHAN (N-55) 209 KM

Length	209 Km
PC-I Cost	Rs. 53,354.46 Million
Scope	Dualization
Status	PC-I approved by ECNEC.
	Land Acquisition PC-1 under approval
Loan Appraisal	After approval of Land Acquisition PC-1
Likely Start	2023

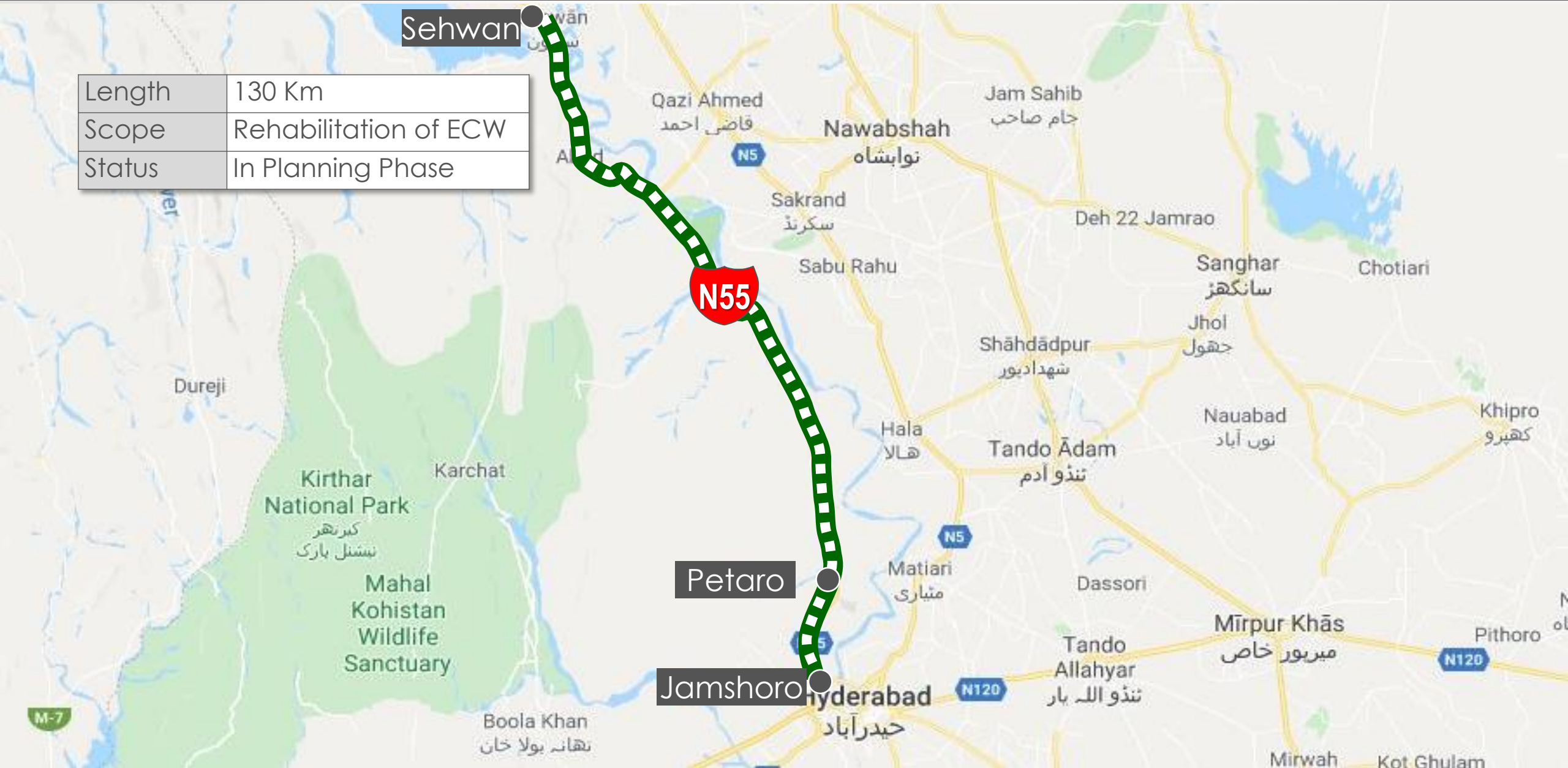


CAREC CORRIDOR DEVELOPMENT INVESTMENT PROGRAM

TRANCHE-4 PLANNING STAGE

JAMSHORO-SEHWAN (N-55) 130 KM

Length	130 Km
Scope	Rehabilitation of ECW
Status	In Planning Phase



RATODERO-SHIKARPUR (N-55) 43 KM

Length	43 Km
Scope	Rehabilitation of ECW
Status	In Planning Phase



ROAD ASSET MANAGEMENT

- Over the last decade CAREC countries invested considerably in improving their highways.
- **Management of these new and old road assets remains a challenge.**
- CAREC Transport Strategy 2030 pays high attention to establishing effective and efficient practices of Road Asset Management (RAM) across the CAREC region.
- **The key premise of RAM is: Preventive knowledge-based maintenance extends the road asset life without capital repair.**
- National Highway Authority (NHA) of Pakistan has the state-of-the-art Road Asset Management System (RAMS) and successfully maintaining its road assets through this system.
- **NHA has established a Road Asset Management Division (RAMD) for implementation of RAMS**
- Proper Rules and Standard Operating Procedures have been developed for implementation of RAMS

ROAD SAFETY

- Road safety is one of the important goals in National Transport Policy approved by the Government of Pakistan. National Road Safety Strategy 2018 – 2030 has been prepared & launched by Ministry of Communications based on the five pillars of the Global Plan of the United Nations Decade of Action.
- **Road Safety Strategy 2018 -2030 has a target to reduce fatalities by 50% from 2010 figure on CAREC routes. Ministry of Communications prepared an effective & result oriented National Road Safety Action Plan (2020 – 2024) to save precious lives with the objective to have positive impact on our society.**
- A National Steering Committee with representatives from all stakeholders at the Federal and Provincial Governments Levels has been set up to steer the matters related to Road Safety in the country.
- **Road Safety Audit is made part of every road development project.**
- Also, a draft Road Safety Act is under consultation with stakeholders for promulgation.

RAILWAY

Removing the bottlenecks in railways is on the priority of the present Government. Being the economical mode of transport, the Government has taken a number of steps to overcome the deficiencies in rail transportation.

Up-gradation of ML-1 (Main Line -1, Karachi – Lahore – Peshawar) is being executed under CPEC.

Following are the missing links which need to be considered in new CAREC Transport Strategy-2030 for establishing Pakistan's connectivity with CAREC Rail Corridors through China and Afghanistan;

China – Pakistan: Khunjrab – Havelian = 682 KM

Afghanistan – Pakistan: Jalalabad – Peshawar = 145 KM
Kandahar – Chaman = 106 KM

AVIATION

- ❑ To energize the Aviation Sector for socio-economic growth, Government has launched new Aviation Policy-2019.
- ❑ The main thrust is on “Fair Sky Policy”. It will ensure safe, secure, efficient and a commercially viable aviation sector.
- ❑ It envisages to create conditions conducive for affordable general aviation activities, i.e., sports flying and inter-city air travel by private aircraft / air-taxi service / charter & Aerial Work operations, etc.

THANK YOU



National Highway Authority

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