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# KABUL CITY INITIATIVE (KCI)

Capital Improvement Plan Tertiary Roads

May 2012

This publication was produced for review by the United States Agency for International Development. It was prepared by Tetra Tech ARD.

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# KABUL CITY INITIATIVE (KCI) PROJECT

Capital Improvement Plan Tertiary Roads

May 2012

**DISCLAIMER**

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# CAPITAL IMPROVEMENT FINANCIAL SUMMARY CHART

## 1.0 INFRASTRUCTURE

### 1.1 CONSTRUCTION OF TRANSPORTATION FACILITIES

No.	Type of Project	Length/Width	Cost Estimate	Funding Secured		Approved Budget	Funding Source	Priority	1390	1391	1392	1393	1394
				Yes	No								
<b>Secondary and Tertiary Roads</b>													
1	Construction and Asphaltting of Roads in District 1 <sup>st</sup>	1.44 Km long and 20 meters wide	10 Million Afghani	√		10 Million Afghani	GIRoA	1		√			
2	Construction and Asphaltting of Districts Roads (District 3 and 4)	4.66 Km long and 10-18 meters wide	74 Million Afghani	√		74 Million Afghani	GIRoA	1		√			

3	Construction and Asphaltting of Silo 4 <sup>th</sup> road	1.44 Km long and 10-20 meters wide	10 Million Afghani	√		10 Million Afghani	GIRoA	1		√			
4	Construction and Asphaltting of City Roads	1Km long and 10 meters wide	8.31 Millions Afghani	√		8.31 Millions Afghani	GIRoA	1		√			
5	Construction of District Roads (District 8)	02 Km long and 20-40 meters wide	55.57 Millions Afghani	√		55.57 Millions Afghani	GIRoA	1		√			
6	Construction of Shutule Darmaltun Road	18.5 Km long road with 16-20 meters width	20 Million Afghani	√		20 Million Afghani	GIRoA	1		√			
7	Construction Butchery road in Baharistan	0.6 km long road with 13.5 meters width	10 Million Afghani	√		10 Million Afghani	GIRoA	1		√			
8	Rabia Balkhe to Golahe Sraie Ghazni	1.89 Km long road with 19 meters width	30 Million Afghani	√		30 Million Afghani	GIRoA	1		√			
9	Construction and Asphaltting of Hod Khel Road	09 Km long road with 11 meters width	12 Million Afghani	√		12 Million Afghani	GIRoA	1		√			
10	Road Construction opposite to Kuwait Mosque	Unknown	Unknown	√		Unknown	GIRoA	1		√			
11	Residential access roads Construction	9.6 Km long road with 10-35 meters width	6.012 Million Dollar	√		6.012 Million Dollar	GIRoA	1		√			
12	Deh Murad Khan (Guzargah) road Construction	Unknown	5 Million Afghani	√		5 Million Afghani	GIRoA	1		√			

## Construction and Asphalting of District Roads (District 1)

Location: District 1<sup>st</sup>

Latitude:

Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

### Background

Roads of District 1<sup>st</sup> had been damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt pavement.
- Rehabilitation of the drainage system of the mentioned road.

### Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

### Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

### Project Budget

	Budget through <b>03/04</b>	Estimated Total Project Cost	-----Five Year Funding-----				
			<b>1390</b>	<b>1391</b>	<b>1392</b>	<b>1393</b>	<b>1394</b>
<b>TBD</b>	N/A	Afghani		10 Millions	---	---	---

				Afghani			
<b>TOTAL</b>	NA		\$	10Millions Afghani	---	---	---

**Phasing:**

To Date	1390	1391	1392	1393	1394
N/A	N/A	Phase I and Final	N/A	N/A	N/A

**Project  
Justifications**

District roads are the most important roads connecting District 1<sup>st</sup> with the rest of the Kabul City; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

## Construction and Asphaltting of District Roads (District 3<sup>rd</sup> and 4<sup>th</sup>)

Location: District 3<sup>rd</sup> and 4<sup>th</sup>

Latitude:

Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

### Background

District Roads in District three and four has damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt pavement.
- Rehabilitation of the drainage system of the mentioned road.

### Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

### Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

### Project Budget

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		74 Millic	---	---	---



## Background

Silo's 4<sup>th</sup> road has damaged due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface.
- Rehabilitation of the drainage system of the road.

## Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

## Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

## Project Budget

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		10 Million Afghan	---	---	---
<b>TOTAL</b>	NA			10 Million Afghan	---	---	---

## Phasing:

To Date	1390	1391	1392	1393	1394
N/A		Phase I and Final	N/A	N/A	N/A

## Project Justifications

Silo 4<sup>th</sup> road has damaged much and its difficult for vehicles to pass through the mentioned road ; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

**Construction and Asphaltng of City Roads**

Location: District 2

Latitude: Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

**Background**

Roads located in District 2<sup>nd</sup> of Kabul City have damaged severely due to seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface.
- Rehabilitation of the drainage system of the road.

**Project Objective**

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

**Current Condition**

The remaining portion of the road is in a very poor condition, usually causing traffic congestion.

**Project Budget**

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		8.31Milli Afghan	---	---	---
<b>TOTAL</b>	NA			8.31 Million Afghan	---	---	---

**Phasing:**

To Date	1390	1391	1392	1393	1394
N/A		Phase I and Final	N/A	N/A	N/A

**Project Justifications**

District roads located in the District 2 of Kabul City are important roads connecting central city area to main roads; therefore it is direly to complete the remaining portion of the already constructed link road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

**Construction of District road to the South of Rahman Mena Park**

Location: District 8

Latitude:

Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

### Background

District road to the south of Rahman Mena is an important road located in District 8 and had damaged severely due to heavy traffic, seasonal precipitation and lack of maintenance for the last two decades. Therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt course.
- Rehabilitation of the drainage system of the mentioned road.

### Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

### Current Condition

The remaining portion of the road is in a very poor condition, usually causing traffic congestion.

### Project Budget

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		55 Million Afghan	---	---	---
<b>TOTAL</b>	NA			55 Million Afghani	---	---	---

**Phasing:**

<b>To Date</b>	<b>1390</b>	<b>1391</b>	<b>1392</b>	<b>1393</b>	<b>1394</b>
N/A		Phase I and Final	N/A	N/A	N/A

**Project  
Justifications**

District road to the South of Rahman Mena Park is an important road connecting many parts of district 8 with one another; therefore it is direly to complete the remaining portion of the already constructed link road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

**Construction of Shutule Darmaltun Road**

Location: District 15

Latitude:

Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
X									

**Background**

Shutul Darmaltun Road has been damaged severely due to heavy traffic, seasonal precipitation, lack of maintenance and decades long internal wars. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading road surface with asphalt.

- Rehabilitation of the drainage system of the road.

**Project Objective**

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

**Current Condition**

Currently the road is in a very poor condition, usually causing traffic congestion.

**Project Budget**

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		20 Millions Afghani	---	---	---
<b>TOTAL</b>	NA			20 Millions Afghani	---	---	---

**Phasing:**

To Date	1390	1391	1392	1393	1394
N/A	N/A	Phase I and Final	N/A	N/A	N/A

**Project Justifications**

Shutule Darmaltun road is an important road connecting many parts of District 15 with one another and there is always too much traffic on this road therefore it is direly needed to apply asphalt 2<sup>nd</sup> layer to the mentioned road.

**Comments:**

The project is planned to be completed in 1391.



	N/A	Afghani		10 Millions Afghani	---	---	---
<b>TOTAL</b>	NA		\$	10 Millions Afghani	---	---	---

**Phasing:**

<b>To Date</b>	<b>1390</b>	<b>1391</b>	<b>1392</b>	<b>1393</b>	<b>1394</b>
N/A	N/A	Phase I and Final	N/A	N/A	N/A

**Project  
Justifications**

Butchery Street Road is an important road connecting many parts of District 2 with one another; therefore direly needed in order to facilitate citizens with better transportation system.

**Comments:**

The project is planned to be completed in 1391.

**Rabia-e-Balkhi to Golahi Serai Ghazni Road**

Location: District 3

Latitude:

Longitude:

**Priority** *(Place an X to indicate priority. 1 is highest, 10 is lowest)*

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
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X									
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### Background

Rabia-e-Balkhi to Golahi Serai Ghazni has damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt.
- Rehabilitation of Drainage system.

### Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

### Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

### Project Budget

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		30 Million Afghan	---	---	---
<b>TOTAL</b>	NA			30 Million Afghani	---	---	---

<b>To Date</b>	<b>1390</b>	<b>1391</b>	<b>1392</b>	<b>1393</b>	<b>1394</b>

**Phasing:**

N/A		Phase I and Final	N/A	N/A	N/A
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**Project Justifications**

Rabia Balkhi to Golahi Serai Ghazni road is an important road connecting many parts of District 3; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

**Constuction and Asphaltng of Hod Khel Road**

Location: District 9

Latitude: Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

**Background**

Hod Khel road has damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes

and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt pavement.
- Rehabilitation of the drainage system of the mentioned road.

### Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

### Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

### Project Budget

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		20 Million Afghan	---	---	---
<b>TOTAL</b>	NA			20 Million Afghan	---	---	---

### Phasing:

To Date	1390	1391	1392	1393	1394
N/A	N/A	Phase I and Final	N/A	N/A	N/A

### Project Justifications

Hod Khel Road connects various parts of the densely populated District 14 as well as other districts of Kabul City; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

**Construction of the road opposite to Kuwait Mosque**

Location: District 11

Latitude: Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

**Background**

Road opposite to Kuwait Mosque has damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. The mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt pavement.

**Project Objective**

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

**Current Condition**

Currently the road is in a very poor condition, usually causing traffic congestion.

**Project Budget**

Budget	Estimated	-----Five Year Funding-----
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<b>TBD</b>	through <b>03/04</b>	Total Project Cost	<b>1390</b>	<b>1391</b>	<b>1392</b>	<b>1393</b>	<b>1394</b>
	N/A	Afghani		10 Million Afghani	---	---	---
<b>TOTAL</b>	NA			10 Million Afghani	---	---	---

**Phasing:**

<b>To Date</b>	<b>1390</b>	<b>1391</b>	<b>1392</b>	<b>1393</b>	<b>1394</b>
N/A	N/A	Phase I and Final	N/A	N/A	N/A

**Project  
Justifications**

Road opposite to Kuwait Mosque will reduce traffic congestion as well as will provide aesthetic beauty to the central part of Kabul City; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.

**Construction of Residential Access Roads**

Location: District 11 and 15

Latitude:

Longitude:

**Priority** (Place an X to indicate priority. 1 is highest, 10 is lowest)

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
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X									
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### Background

Residential access roads has damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. Drainage system of the mentioned road has also been damaged therefore the mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt pavement.
- Rehabilitation of the drainage system of the mentioned road.

### Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

### Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

### Project Budget

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	\$	\$	\$6.012 Million	---	---	---
<b>TOTAL</b>	NA		\$	\$6.012 Million	---	---	---

### Phasing:

To Date	1390	1391	1392	1393	1394
N/A	N/A	Phase I and Final	N/A	N/A	N/A

### Project

## Justifications

Residential access roads is an important and much needed roads connecting various parts of the residential areas of District 11 and District 15; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

## Comments:

The project is planned to be completed in 1391.

## Deh Murad Khan (Guzargah) road Construction

Location: District 7

Latitude: Longitude:

**Priority** (*Place an X to indicate priority. 1 is highest, 10 is lowest*)

1	2	3	4	5	6	7	8	9	10
X									

## Background

Deh Murad Khan road has damaged severely due heavy traffic, seasonal precipitation and lack of proper maintenance for the last decade and the road usually gets flooded during rainy season. Potholes and rutting, longitudinal and transverse cracks are observed everywhere along the road. The mentioned road is in the priority rehabilitation list of Kabul Municipality.

The following activities will be included in the project:

- Upgrading of the road surface with asphalt pavement.

## Project Objective

To maintain smooth flow of traffic and facilitate Kabul citizen with better road network in Kabul City.

## Current Condition

Currently the road is in a very poor condition, usually causing traffic congestion.

**Project Budget**

TBD	Budget through 03/04	Estimated Total Project Cost	-----Five Year Funding-----				
			1390	1391	1392	1393	1394
	N/A	Afghani		5 Millio Afghan	---	---	---
<b>TOTAL</b>	NA			5 Million Afghani	---	---	---

**Phasing:**

To Date	1390	1391	1392	1393	1394
N/A	N/A	Phase I and Final	N/A	N/A	N/A

**Project Justifications**

Deh Murad Khan road construction will reduce traffic congestion as well as will provide aesthetic beauty to the central part of Kabul City; therefore it is direly needed to pave this broken road which always creates inconvenience to the citizens of Kabul.

**Comments:**

The project is planned to be completed in 1391.



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