
BOSNIA AND HERZEGOVINA
FEDERATION OF BOSNIA AND HERZEGOVINA

**MOTORWAYS OF FEDERATION OF B&H
PUBLIC COMPANY LTD. MOSTAR**

PROJECT:
MOTORWAY ON CORRIDOR 5c IN FEDERATION OF BiH

PROGRESS REPORT No.6
(up to 30.09.2011.)

Mostar, November 2011.

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1. INTRODUCTION

1.1. About us

Motorways of Federation of B&H PC Ltd. Mostar, is registered in court in Mostar on 28.10.2010 in accordance with the Law on roads ("Official Gazette FBiH", No. 12/10 and 16/10), the Law of Management company ("Official Gazette FBiH", No.23/99,45/00,2/02,6/02,29/03,68/05,91/07,84/08,88/08 and 7/09) and the Decision of status issues of Motorways of Federation of B&H PC Ltd. Mostar (hereinafter indicated as Motorways of Federation of B&H) adopted by the Government of Federation of Bosnia and Herzegovina (Decision V No.593/10 from 1.7.2010) at its 149 session held on 1. July 2010. in Sarajevo.

Activities of Motorways of Federation of B&H are defined by statute of Public company as jobs and tasks on motorways and express roads in the Federation of B&H and:

- Preparation long-term, medium term and annual plans and development programs, maintenance, protection, reconstruction, construction, reconstruction of roads and structures on the roads as well as reports on implementation of these plans and programs;
- Perform of maintenance and protection;
- Investor transactions for studies and projects, renovation, construction, reconstruction and maintenance on roads and buildings;
- Proposing financial plans and improving ways of raising funds intended for the road;
- Keeping database of roads, buildings, traffic signs and equipment on roads and road cadastre land belt;
- Assignment of work on reconstruction, construction, rehabilitation and maintenance of roads;
- Preparing and monitoring the implementation of measures and activities to promote safety traffic on roads managed by;
- Prepare the basis for granting concessions and ensuring professional and technical supervision;
- Organization of toll collection system
- Gathering data and informing the public about condition on roads and method of traffic flow;
- Taking the necessary measures to preserve and protect the environment
- Organizing and providing services to users of motorways and express roads, etc.

Government of the Federation of Bosnia and Herzegovina at its meeting held on 22.12.2010 year, on the proposal of Federal Ministry of Transport and Communications, made the decision to appoint a proxy Assembly representing the Company in accordance with the

Regulation on the exercise of powers authority Federation of Bosnia and Herzegovina in companies with state capital and the decision to appoint a temporary supervisory board of Public company FB&H ("Official Gazette FBiH" No.88/10).

On 28.12.2010. a session of the Assembly of Motorways of Federation of B&H was held in the presence of a notary where the Statute of Motorways of Federation of B&H has been adopted. At the same day a meeting of the Supervisory Board of Motorways of Federation of B&H was held at which approval was given and adopted Rules of Procedure of Motorways of the Federation of B&H and Regulations on internal organization affairs of Motorways of Federation of B&H.

Hereby they acquire all conditions to stop work of Federal Authority for construction, operation and maintenance of motorways on day 31.12.2010 and to start with work of Motorways of Federation of Bosnia and Herzegovina.

In accordance with provisions of the Law of the roads of the Federation of B&H, Motorways of the Federation of B&H take all equipment, employees and records of the Federal directorate for construction, operation and maintenance of motorways or Motorways of the Federation of B&H is the legal successor of the Federal directorate for construction, management and maintenance.

1.2. Project description

At Conferences held in Crete and Helsinki in 1994 and 1997, ten trans-European transport corridors were identified as routes in Central and Eastern Europe that require priority investments. Corridor V (Five), linking Kiev in Ukraine to the Adriatic Sea via Lvov and Budapest(Hungary) was one of them. Consisting of three branches, the Vc branch follows European route E73 from Budapest to Ploče (Croatia) via Osijek (Croatia) and Sarajevo. Bosnia and Herzegovina contains the longest section of the Vc branch. With a total length of approximately 340 km, the driving force behind construction of the Corridor Vc motorway is to improve connectivity of BiH with its neighbouring countries and to enhance its potential for economic development. The project has strong support from the government and is expected to enable BiH to integrate better with the European economic and social structure.

Corridor Vc motorway in B&H includes four main sections (known in Government documents as "Lots"), as follows:

- **Section 1:** Svilaj on The Sava River (connection to Corridor X) - Doboj South;
- **Section 2:** Doboj South - Sarajevo South (Tarčin);

- **Section 3:** Sarajevo South (Tarčin) - Mostar North;
- **Section 4:** Mostar North – Bijača on the southern border with Croatia.

Implementation of the construction is on entities level. The Government of Federation of B&H has already completed construction of 37 km long section of highway in Section 2 north of Sarajevo on the section between Sarajevo (Jošanica) and Kakanj.

Part of the Corridor Vc, in length 8 km (Sarajevo bypass) is under construction and expected date of completion is end of 2014 year. Project is financed by the loans of EIB, EBRD, OPEC and WB.

The EIB and EBRD are financing four new sections within the four above mentioned “Sections”, which are marked as high priority sections by Government of Federation B&H. These sections are as follows:

- **Subsection 1:** Drivuša to Kakanj, section within Section 2 (15,2 km);
- **Subsection 2:** Vlakovo to Tarčin, section within Section 2 (20 km);
- **Subsection 3:** Pocitelj to Bijača (southern Border with Croatia) within Section 4 (20 km);
- **Subsection 4:** Odzak to Svilaj (northern border with Croatia) Section 1 (10 km).

Section 1 is entirely located in one Canton (Zeničko-Dobojski), traversing through the southern half of the Municipality of Zenica and a south-western section of the Municipality of Kakanj. With a right of way of approximately 60-70 metres, the Corridor in section 1 follows the narrow Bosna river valley, which is characterized by undulating hillsides and minimal forest coverage. Corridor Vc in Section 1 largely follows existing infrastructure including trunk road M17 and, in certain sections, the railway Vrpolje to Sarajevo.

Section 2 is located in two cantons (90% in Sarajevski and 10% in Srednjobosanski canton), traversing through the western and then southern part of the capital Sarajevo passing through urban and industrial area (Vlakovo and Rakovica) of Canton Sarajevo. In this part the Corridor starts its way through mountain area of Federation of B&H. Thus, this section will already have over 6 km of tunnels. In this direction except the highway will be the existing main road M17.

Section 3 is entirely located in two cantons (Hercegovačko-Neretvanski and Zapadno-hercegovački) traversing roughly the northern and western part of Municipality Čapljina and Ljubuški. According to the plans this part of the Corridor Vc will be also a part of Adriatic – Ion

motorway. It will improve connection between B&H and Croatia on the south and the Adriatic sea.

Section 4 is entirely located in one Canton (Posavski) connecting northern part of B&H with Croatia and Corridor X. In addition it is also a continuation of the completed section of Corridor Vc coming from Hungary and Croatia. The area is mostly flat and beside 660 m long bridge over the river Sava and border crossing there is no important structures on the motorway.

It is planned to complete all these four sections up the end of 2014 when total constructed length of Corridor Vc in Federation BiH will be 125 km.

Part of the construction is also the Zenica bypass (section from Drivuša to Donja Gračanica, 8 km long section within Section 2). This section will be financed partly by Kuwait Investment Fund. The loan agreement has been signed in 2009 in amount of 30 million Euro.

2. LOAN AGREEMENTS

In a purpose to create stabile financing structure Motorways of Federation of Bosnia and Hercegovina (Federal Directorate for Construction, Management and Maintenance of Motorways) contact international financing institutions for support of these project through loan agreements. First requests have been made in May 2007 and up to date two loan agreements have been signed.

First loan agreement was signed in October 2008 with EBRD in amount of 180 millions Euro for:

- Section Kakanj – Drivuša 60 million euros
- Section Vlakovo – Tačin 60 million euros
- Sections Počitelj – Bijača and Svilaj – Odžak 60 million euros

Second loan agreement was signed in December 2008 with EIB in amount of 75 million euros for:

- Section Kakanj – Drivuša 75 million euros

Third loan agreement is going to be signed with EIB in amount of 166 million euros for:

- Section Vlakovo – Tarčin and
- Section Svilaj – Odžak

The Council of Ministers of Bosnia and Herzegovina and the Government of the Federation of Bosnia and Herzegovina have initiated the initiative for the signing the Agreement. There is still not specify of the date of signing.

The fourth Loan agreement is planned to be signed with EIB in amount of 60 million euros for section Počitelj - Bijača after confirmation of final location for the bridge Počitelj by the Parliament.

3. PROCUREMENT PLAN

Public company Motorways in Federation of Bosnia and Herzegovina prepared estimated procurement plan. The estimated values are planned but real values will be determined after completion of the main project and tender procedure.

Amount in Thousands EUR

1	2	3	4	5	6	7	8	9	10	11
No.	Description	Estimated	Financing by	Financing by others	Contract	Contract	Procurement	Tender	Contract	Contract
		Contract Value	EBRD and EIB	Financier	Amount	Type	method	Invitation mmm/yy	Award mmm/yy	Completion mmm/yy
1	Drivuša-Kakanj Motorway Design	3,200								
a	Bilješevo - Kakanj	1,600		FBHMD		Consultancy		Jan-07	Oct-07	Nov-08
b	Drivuša - Gorica - Bilješevo	1,600		FBHMD		Consultancy		Jan-07	Oct-07	Nov-08
2	Drivuša-Kakanj Construction Supervision	6,500								
a	Bilješevo - Kakanj	1,800	EIB		1,103	Consultancy	Competitive	May-09	April-10	May-12
b	Gorica - Bilješevo	3,000	EBRD		1,984	Consultancy	Competitive	May-09	June-10	April-14
c	Drivuša - Gorica	1,700	EIB		1,189	Consultancy	Competitive	May-09	Oct-10	Dec-12
3	Drivuša-Kakanj Motorway Construction	128,500								
a	Bilješevo - Kakanj	41,000	EIB		36,926	Works	Open	Feb-09	April-10	May-12
b	Gorica - Bilješevo	57,000	EBRD		53,061	Works	Open	May-09	April-11	Jan-14
c	Drivuša - Gorica	30,500	EIB		20,510	Works	Open	Sep-09	Sep-10	Sep-12

Table 1a. Procurement plan

Motorways of Federation of B&H
PC Ltd. Mostar

1	2	3	4	5	6	7	8	9	10	11
No.	Description	Estimated	Financing by	Financing by others	Contract	Contract	Procurement	Tender	Contract	Contract
		Contract Value	EBRD and EIB	Financier	Amount	Type	method	Invitation mmm/yy	Award mmm/yy	Completion mmm/yy
4	Vlakovo-Tarčin Motorway Design	3,390								
a	Vlakovo - Lepenica	1,560		FBHMD		Consultancy	Competitive	Jan-08	Jun-08	June-10
b	Lepenica - Tarčin	1,830		FBHMD		Consultancy	Competitive	Jan-08	Jun-08	June-10
5	Vlakovo-Tarčin Construction Supervision	7,500								
a	Vlakovo - Lepenica	3,000	EIB			Consultancy	Competitive	Sep-11	April-12	April-14
b	Lepenica - Suhodol	1,500	EIB			Consultancy	Competitive	Sep-11	May-12	May-14
c	Suhodol - Tarčin	3,000	EBRD			Consultancy	Competitive	March-11	Jan-12	July-14
6	Vlakovo-Tarčin Motorway Construction	172,500								
a	Vlakovo - Lepenica	74,000	EIB			Works	Open	Aug-11	April-12	April-14
b	Lepenica - Suhodol	41,500	EIB			Works	Open	Sep-11	May-12	May-14
c	Suhodol - Tarčin	57,000	EBRD			Works	Open	Nov-10	Jan-12	July-14
7	Počitelj-Southern Border with Croatia Motorway Design	2,500		MOCT		Consultancy	Competitive	Aug-07	Feb-08	April-11
8	Počitelj-Zvirovići Motorway Design_new	2,000	EIB-grant			Consultancy	Competitive	Jan-12	April-12	Oct-13

Table 1b. Procurement plan

Motorways of Federation of B&H
PC Ltd. Mostar

1	2	3	4	5	6	7	8	9	10	11
No.	Description	Estimated	Financing by	Financing by others	Contract	Contract	Procurement	Tender	Contract	Contract
		Contract Value	EBRD and EIB	Financier	Amount	Type	method	Invitation mmm/yy	Award mmm/yy	Completion mmm/yy
9	Počitelj-Southern Border with Croatia Construction Supervision	4,500								
a	Počitelj - Zvirovići without bridge Počitelj	1,200	EIB			Consultancy	Competitive	Oct-12	Oct-13	Dec-14
b	Bridge Počitelj	1,500	EIB			Consultancy	Competitive	Oct-12	Oct-13	Oct-15
c	Zvirovići - Bijača	1,800	EBRD			Consultancy	Competitive	Sept-10	Aug-11	Dec-13
10	Počitelj-Southern Border with Croatia Motorway Construction	115,500								
a	Počitelj - Zvirovići without bridge Počitelj	38,000	EIB			Works	Open	Oct-12	Oct-13	Dec-14
b	Bridge Počitelj	19,300	EIB			Works	Open	Jan-12	Oct-13	Oct-15
c.i	Zvirovići - Kravice	43,200	EBRD			Works	Open	Sep-10	Dec-11	Dec-13
c.ii	Kravice - Bijača	15,000	EBRD			Works	Open	July-10	Aug-11	June-12
11	Odžak-Northern Border with Croatia Motorway Design	1,500		MOCT		Consultancy	Competitive	Aug-07	Feb-08	Aug-11
12	Odžak-Northern Border with Croatia Construction Supervision	2,000	EIB			Consultancy	Competitive	Nov-11	Sep-12	Sep-13
13	Odžak-Northern Border with Croatia Construction Supervision	58,000	EIB			Works	Open	Nov-11	Sep-12	Sep-13
14	Land Acquisition	22,498		FBHMD						
15	VAT (17%)	71,923		FBHMD						
	TOTALS	105,011		FBHMD, MOCT						
	TOTALS	495,000	EIB, EBRD							

Table 1c. Procurement plan

Legend: **MOCT** - Ministry of Transport and Communications BH
PCMFHB(FBHMD) - Public company Motorways in Federation of Bosnia and Herzegovina

4. MAIN DESIGN

Execution of the main design is divided into three parts. The reason for this is that the main design was started to be prepared before Motorways of Federation of Bosnia and Herzegovina (Federal Directorate for Construction, Management and Maintenance of Motorways) was fully established and completed delivery of all works related to the Corridor Vc.

Status of Main design preparation is as following:

No.	Section	Client	Status	Remarks
1.	Vlakovo – Tarčin	PCMFHB	completed	Revision of main design is ongoing
2.	Section Kakanj – Drivuša, subsection Gorica – Drivuša and Bilješevo – Gorica	PCMFHB	completed	Section is under construction
3.	Section Kakanj – Drivuša, subsection Kakanj – Bilješevo	FDR	completed	Section is under construction
4.	Section Svilaj - Odžak	MOCT	completed	Revision of main design is ongoing. It is projected interchange Odžak.
5.	Section Počitelj - Bijača	MOCT	completed	Subsection Počitelj – Zivrovići will be redesigned depend of final location of bridge Počitelj
6.	Section Tarčin – Konjic	PCMFHB	ongoing	

Table 2. Progress of the main designs

Legend: **MOCT** - Ministry of Transport and Communications BH
FRD - Federal Road Directorate
PCMFHB - Public company Motorways in Federation of Bosnia and Herzegovina

5. LAND ACQUISITION

Activities on this item started on three sections. Section Kakanj - Drivuša is completed, and sections Vlakovo - Tarcin and Bijača - Počitelj subsection Bijača – Zvirojevići are in progress. The following table 3. shows the activities on land acquisition and progress on it.

No.	Section	Municipality	Submitted request to start land acquisition	Started work on the field	Parcels include in Elaborate of expropriation	Issued decisions of land acquisition	Number of agreements	Total completed activities** (%)
1	Kakanj - Drivuša	Kakanj	17.02.2009	23.03.2009	582	442	433	99% *
		Zenica	18.05.2009	27.05.2009	276	186	161	99% *
2.	Vlakovo - Tarcin	Ilidža	01.09.2010	24.09.2010	406	124	115	65%
		Hadžići	11.08.2010	30.08.2010	274	97	93	98%
		Kiseljak	11.08.2010	22.09.2010	524	237	206	80%
3	Bijača - Počitelj	Čapljina	02.09.2010	03.11.2010.	300	118	85	85%
		Ljubuški	02.09.2010	26.11.2010.	240	99	93	96%

Table 3. Physical progress of land acquisition

* Remaining subjects are in process of agreement

** Activities in the process of expropriation include: inspecting the site, making the decision on expropriation by municipal authorities, concluding an agreement on compensation, communication with property owners, etc.

6. CONSTRUCTION PERMITS

In accordance with Law on Land planning and land use in Federation of B&H it defined a procedure of issuing preliminary construction permit and final construction permit. For issuing a preliminary construction permit it is necessary to collect 17 approvals, while a final construction permit requires preliminary construction permit, completed land acquisition and a completed and revised main design.

It has obtained a final construction permit for section Kakanj – Drivuša. For subsection Kakanj Binješevo in April 2010 and for subsection Bilješevo – Gorica and Gorica – Drivuša in June 2010. A final construction permit has been obtained in September in year 2011 for subsection Bijača – Zvirovići.

The tables in Appendix 1. shows physical progress for obtaining urban approval and construction permit per section.

7. PREPARATION ACTIVITIES FOR CONSTRUCTION PROJECTS

In the following paragraphs preparatory activities for construction projects are presented which are divided into sections and subsections.

➤ Section Počitelj – Bijača is divided into four Sections:

- **Lot 1** Subsection Bijača – Kravice
 - Construction contract has been signed on 06.09.2011 and at the end of September Contractors have repossessed for beginning of works.
 - Contract value is 23. 308. 804, 00 euros (with VAT).
 - The deadline for construction work is 10 months .

- **Lot 2** Subsection Kravice – Zvirovići
 - Prequalification documentation had been opened on 26.10.2010
 - Urban permit has been issued. Expropriation of land has been completed.
 - Opening of financial offers is scheduled on 29.11. 2011
 - Beginning of construction is planned in March 2012
 - Preliminary values of works is 43,2 million euros (without VAT)
 - The deadline for construction work is 20 months

Tender procedure for Supervision for Section 1 and Section 2 was finished. Contract for supervision was signed on 19.09.2011. The selected Supervisory has signed a Contract for both sections.

For Section 3 Počitelj - Zvirovići and Section 4 Bridge Počitelj the procedures for selecting contractors have not started yet. The reason for that is the fact that a spatial basis and the route of the motorway in this area has not been adopted.

➤ Section Vlakovo – Tarčin is divided into three sections:

- **Lot 1** Subsection Tarčin – Suhodol
 - Procedures of land acquisition and collecting documentation for construction permit is ongoing
 - Opening of financial offers is scheduled on 29.11. 2011.

- Contract signature and the start of construction is planned in March in year 2012
- Preliminary values of works is 57 million euros (without VAT)
- The deadline for the work is 28 months

Tender procedure for Supervision for this section is ongoing. Invitation for tender for companies that have expressed an interest has been sent and offers will be submitted until 06.12.2011. The contract award is expected in March in year 2012.

- **Lot 2** Subsection Lepenica – Suhodol
 - Deadline for submission of Prequalification documentation is scheduled on 15.11.2011 when the documentation will be opened.
 - Call for delivering financial offers is scheduled in March 2012
 - Procedures of land acquisition and collecting of an urban and construction permit is ongoing
 - Contract signature and the beginning of construction is planned in September 2012
 - Preliminary values of works is 41,5 million euros (without VAT)
 - The deadline for the work is 20 months
- **Lot 3** Subsection Vlakovo - Lepenica
 - Deadline for delivering of Prequalification documentation is scheduled on 11.10.2011 when will be opening of documentation.
 - Call for delivering financial offers is scheduled in February 2012
 - Procedures of land acquisition and collecting of an urban and construction permit is ongoing
 - Contract signature and the start of construction is planned in July 2012
 - Preliminary values of works is 74 million euros (without VAT)
 - The deadline for the work is 24 months

➤ Section Svilaj – Odžak

- Beginning of the expropriation was started in September 2011
- Redesigning of these section is in progress
- Invitation for prequalification planned in April 2012
- Contract signature and the start of construction is planned in March 2013
- Preliminary values of works is 74 million euros (without VAT)
- The deadline for the work is 24 months

8. PROJECT CONSTRUCTION

It is currently under construction Section Kakanj – Drivuša which is divided in three sections:

➤ **Section 1** Kakanj – Bilješevo

- Contract value 43,2 million euros
- Contractor Joint Venture Vijadukt (Croatia) and Hering (Bosnia and Herzegovina)
- Deadline 18 months
- Start of construction on 24.05.2010

➤ **Section 2** Bilješevo – Gorica (tunnel Vijenac 2964 m)

- Contract value 62. 081 .529 , 52 euros
- Contractor PRIMORJE d.d. (Slovenia)
- Deadline 36 months
- Start of construction on 02.08.2010

➤ **Section 3** Gorica – Drivuša

- Contract value 24 million euros
- Contractor Joint Venture BH Consortium (Bosnia and Herzegovina)
- Deadline 24 months
- Contract signed on 28.9.2010

and construction Section Počitelj – Bijača on Lot 1:

➤ **Lot 1** Bijača – Kravice.

- Contract value 23.308.804,00 euros.
- Contractor Joint Venture BH Consortium (Bosnia and Herzegovina)
- Deadline 10 months
- Contract signed 06.09.2011

Details of completion of contracted works and project status is given in **Appendix 2**.

9. FINANCIAL POSITION

9.1. Payment from EIB loan

➤ **Section 1 Kakanj – Bilješevo**

Constructor: JV Viadukt d.d. – Hering d.d.

No.	Description	Period	Net amount exc. VAT EUR	Date of payment	VAT	Date of payment	Total amount EURO
1	Advance	July 2010	3.692.593,91	27.08.2010.	627.740,96	05.08.2010.	4.320.334,87
2.	First Interim Certificate	September 2010	1.379.214,88	7.10.2010.	265.534,01	22.10.2010	1.644.748,88
3.	Second Interim Certificate	October 2010	999.440,81	08.11.2010.	192.417,82	12.11.2010.	1.191.858,64
4.	Third Interim Certificate	November 2010	1.110.292,38	22.12.2010.	215.791,38	22.12.2010.	1.326.083,77
5.	Fourth Interim Certificate	February 2011	920.126,99	10.03.2011.	185.333,63	11.03.2011.	1.105.460,62
6.	Fifth Interim Certificate	March 2011	1.479.946,02	19.04.2011.	298.093,39	26.04.2011.	1.778.039,41
7.	Sixth Interim Certificate	April 2011	1.252.330,31	20.05.2011.	252.246,63	20.05.2011.	1.504.576,94
8.	Seventh Interim Certificate	May 2011	1.261.381,90	28.06.2011.	254.069,82	30.06.2011.	1.515.451,72
9.	Eighth Interim Certificate	June 2011	1.037.270,85	08.07.2011.	208.928,96	14.07.2011.	1.246.199,81
10.	Ninth Interim Certificate	July 2011	1.485.143,22	18.08.2011.	299.140,22	22.08.2011.	1.784.283,44
Total:			14.617.741,27		2.799.296,82		17.417.038,09

Table 4a. Payment from EIB loan to Constructor

Note: Net payments were done from EIB loan and VAT from Government FBH fund.

Supervision: INOCSA Ingenieria S.L.

No.	Description	Period	Net amount exc. VAT EUR	Date of payment	VAT	Date of payment	Total amount EURO
1	First Interim Certificate	July 2010	44.320,04	27.08.2010.	7.534,41	05.08.2010.	51.854,45
2	Second Interim Certificate	August 2010	103.623,04	16.09.2010.	17.615,92	17.09.2010.	121.238,96
3.	Third Interim Certificate	September 2010	64.940,42	07.10.2010.	11.039,87	22.10.2010.	75.980,29
4.	Fourth Interim Certificate	October 2010	63.784,35	25.10.2010.	10.843,34	27.10.2010.	74.627,69
5.	Fifth Interim Certificate	November 2010	65.410,12	26.11.2010.	11.119,72	06.12.2010.	76.529,84
6.	Sixth Interim Certificate	December 2010	65.270,73	22.12.2010.	11.096,02	30.12.2010.	76.366,75
7.	Seventh Interim Certificate	January 2011	66.261,64	17.02.2011.	11.264,48	10.02.2011.	77.526,12
8.	Eighth Interim Certificate	February 2011	63.949,51	05.04.2011.	10.871,42	25.04.2011.	74.820,93
9.	Ninth Interim Certificate	March 2011	63.619,20	05.04.2011.	10.815,26	25.04.2011.	74.434,46
10.	Tenth Interim Certificate	April 2011	63.619,21	20.05.2011.	10.815,27	11.05.2011.	74.434,48
11.	Eleventh Interim Certificate	May 2011	63.619,20	03.06.2011.	10.815,26	02.06.2011.	74.434,46
12.	Twelfth Interim Certificate	June 2011	64.584,36	30.06.2011.	10.979,34	30.06.2011.	75.563,70
13.	Thirteenth Interim Certificate	July 2011	63.949,50	03.08.2011.	10.871,42	01.08.2011.	74.820,92
14.	Fourteenth Interim Certificate	August 2011	63.619,21	16.09.2011.	10.815,27	19.09.2011.	74.434,48
Total:			920.570,53		156.497,00		1.077.067,53

Table 4b. Payment from EIB loan to Supervision

➤ **Section 3** Gorica – Drivuša (tunnel Vijenac 2964 m)

Constructor: BH Joint Venture

No.	Description	Period	Net amount exc. VAT EUR	Date of payment	VAT	Date of payment	Total amount EURO
1	Advance	October 2010	2.051.000,92	03.11.2010.	348.670,16	27.10.2010.	2.399.671,08
2.	First Interim Certificate	March 2011	764.126,36	19.04.2011.	147.113,79	25.04.2011.	911.240,15
3.	Second Interim Certificate	April 2011	1.106.232,09	26.05.2011.	210.194,47		1.316.426,56
4.	Third Interim Certificate		1.307.693,32	15.07.2011.	372.104,38	21.07.2011.	1.679.797,70
5.	Fourth Interim Certificate		857.551,72	12.09.2011.	170.643,06	09.09.2011.	1.028.194,78
Total:			6.086.604,41		1.248.725,86		7.335.330,27

Table 5a. Payment from EIB loan to Constructor

Note: Net payments were done from EBRD loan and VAT from Government FBH fund.

Supervision: INOCSA INGENIERIA S.L.

No.	Description	Period	Net amount exc. VAT EUR	Date of payment	VAT	Date of payment	Total amount EURO
1.	First Interim Certificate	November 2010	38.339,27	22.12.2010.	6.517,68	30.12.2010.	44.856,95
2.	Second Interim Certificate	December 2010	34.448,08	17.02.2011.	5.856,17	10.02.2011.	40.304,25
3.	Third Interim Certificate	January 2011	35.433,01	16.03.2011.	6.023,61	25.04.2011.	41.456,62
4.	Fourth Interim Certificate	February 2011	41.459,91	25.03.2011.	7.048,18	25.04.2011.	48.508,09
5.	Fifth Interim Certificate	March 2011	47.875,32	20.05.2011.	8.138,80	20.05.2011.	56.014,12

6.	Sixth Interim Certificate	April 2011	49.044,60	27.05.2011.	8.337,58	20.05.2011.	57.382,18
7.	Seventh Interim Certificate	May 2011	50.102,30	21.06.2011.	8.517,39	23.06.2011.	58.619,69
8.	Eighth Interim Certificate	June 2011	48.271,52	15.07.2011.	8.206,16	14.07.2011.	56.477,68
9.	Ninth Interim Certificate	July 2011	48.794,60	29.08.2011.	8.295,08	26.08.2011.	57.089,68
10.	Tenth Interim Certificate	August 2011	49.407,29	27.09.2011.	8.399,24	30.09.2011.	57.806,53
Total:			443.175,90		75.339,89		518.515,79

Table 5b. Payment from EIB loan to Supervision

9.2. Payment from EBRD loan

➤ Section 2 Bilješevo – Gorica (tunnel Vijenac 2964 m)

Constructor: PRIMORJE d.d.

No.	Description	Period	Net amount exc. VAT EUR	Date of payment	VAT	Date of payment	Total amount EURO
1	Advance	June 2011	5.306.114,56	23.06.2011.	902.038,39	23.06.2011.	6.208.152,95
Total:			5.306.114,56		902.038,39		6.208.152,95

Table 6a. Payment from EBRD loan to Constructor

Note: The amount of 5,306,114.56 euros will be partially paid from loan funds EBRD (639,204.36 Euro) while the second part of the amount of 4,666,910.20 euros paid from funds that were charged protest advance bank guarantee issued of NLB dd Ljubljana for SCT d.d. Ljubljana. These advance previously paid to SCT in the loan funds.

Supervision: IGH d.d.

Description	Period	Net amount exc. VAT EUR	Date of payment	VAT	Date of payment	Total amount EURO
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1.	Advance	October 2010	198.370,00	05.11.2010.	33.722,90	22.10.2010.	232.092,90
2.	First Interim Certificate	October 2010	50.625,00	13.12.2010.	8.606,25	12.11.2010.	59.231,25
3.	Second Interim Certificate	November 2010	32.750,00	07.01.2011.	5.567,50	10.12.2010.	38.317,50
4.	Third Interim Certificate	December 2010	34.000,00	02.02.2011.	5.780,00	30.12.2010.	39.780,00
5.	Fourth Interim Certificate	February 2011	54.400,00	24.03.2011.	9.248,00	04.03.2011.	63.648,00
6.	Fifth Interim Certificate	March 2011	17.150,00	01.06.2011.	2.915,50	26.04.2011.	20.065,50
7.	Sixth Interim Certificate	April 2011	8.786,96	08.06.2011.	1.493,78	12.05.2011.	10.280,74
8.	Seventh Interim Certificate	May 2011	8.900,00	07.07.2011.	1.513,00	02.06.2011.	10.413,00
9.	Eighth Interim Certificate	June 2011	58.420,51	01.08.2011.	9.931,49	30.06.2011.	68.352,00
10.	Ninth Interim Certificate	July 2011	25.931,82	23.09.2011.	4.408,41	22.08.2011.	30.340,23
11.	Tenth Interim Certificate	August 2011	35.204,76	Not paid	5.984,81	26.08.2011.	41.189,57
Total:			524.539,05		89.171,64		613.710,69

Table 6b. Payment from EBRD loan to Supervision

9.3.Summary

		Loan EIB		Remark:
No.		Withdrawn No.1	12.000.000,00 (€)	27.08.2010.
		Withdrawn No.2	11.000.000,00 (€)	29.12.2010.
		total:	23.000.000,00 (€)	
1	LOT 1	JV VIADUKT d.d. - HERING d.d.	14.617.741,27 (€)	Details in Table 4a
2		INOCSA INGENIERIA S.L..	920.570,53 (€)	Details in Table 4b
3	LOT 3	BH Konzorcij	6.086.604,41 (€)	Details in Table 6a
4		INOCSA INGENIERIA S.L..	443.175,90 (€)	Details in Table 6b
		The remaining SUM:	931.907,89 (€)	

Table 7. Summary report of EIB loan

		Loan EBRD		Remark:
No.		Total Withdrawn	59.390.000,00 (€)	08.09.2010.
1	LOT 2	Primorje d.d.	5.306.114,56 (€)	Details in Table 5a
2		IGH d.d.	524.539,05 (€)	Details in Table 5b
		The remaining SUM:	53.559.346,39 (€)	

Table 8. Summary report of EBRD loan

10. ENVIRONMENTAL IMPACT

Until the end of June 2011, the Federal ministry of Environment and Tourism issued three environmental permits. The first was issued in February 2009 for sections Kakanj – Drivuša and Vlakovo – Tarčin, while the second was issued in September 2010 for section from Svilaj (including part of the bridge which belongs to the Bosnia and Herzegovina) to Doboj South (Karuše). Environmental permit for section Mostar North – Southern border, subsection Bijača – Zvirovići was issued in December 2010.

In cooperation with the Federal institutions the previous archaeological research on the section has been made which is now under construction. The preliminary tests were conducted during April - May 2010 years and the costs are covered by Federal Ministry of Culture and Sports and Federal Directorate for Construction, Management and Maintenance of Motorways. It was found 5 potential archaeological sites (between Kakanj and Bilješevo) which are marked and which is not allowed until the building has been fully investigated.

Motorways of Federation of B&H PC Ltd. Mostar (Federal Directorate for Construction, Management and Maintenance of Motorways) and the Institute for Protection of Monuments of the FBiH coordinated contract archaeological surveys covering the entire Corridor Vc with priority given to the top 5 sections that will be built in the next 4 years.

On the proposal of the Federal Ministry of Transport and Communications, Government of the Federation of Bosnia and Herzegovina, on the 158th session held on 02. December 2010, issued Decision on approval of contract contents and the signing of agreement on preventive archaeological research and protection archaeological sites and monuments culture on the roads Corridor Vc motorway.

On 17.12.2010, the Contract of preventive archaeological research and protection of archaeological sites along the route of the motorways on Corridor Vc has been signed.

11. Appendix 1.
Physical Progress of the construction permits
up to 30.09.2011.

**11.1. Condition of approval required for construction permit for subsection
Vlakovo - Lepenica up to 30.09.2011**

No.	Institutions	Handed	Condition	Previous Policies
1	Federal Ministry of Culture and Sports - Institute for the Protection of Monuments	24.12.2010.	Issued	---
2	Agency for Water Area river Sava (Previous water consent)	14.12.2010.	Issued	Necessary construction permit.
3	BH Telecom d.o.o.	19.04.2010.	Issued	---
4	Ministry of Physical Planning for Canton Sarajevo and Canton Srednjobosanski	23.02.2010.	Issued	---
5	Municipality Kiseljak (expert opinion - permit)	23.02.2010.	Issued	---
6	Željeznice Federacije BiH d.o.o. (Railway of Federation BiH)	15.04.2010.	Issued	---
7	BH Gas	23.04.2010.	Issued	---
8	Elektrodistribucija Sarajevo	27.04.2010.	Issued	Necessary construction permit.
9	Elektroprenos Sarajevo	14.04.2010.	Issued	Necessary prepare documentation.
10	Ministry of Agriculture for Canton Sarajevo and Canton Srednjobosanski (consent for deforestation - forest consent)	29.03.2011.	Issued	---
11	Ministry of Agriculture for Canton Sarajevo and Canton Srednjobosanski (consent for conversion agricultural land - agricultural agreement)	29.03.2011.	handed	---
12	Vodovod (water supply) Ilidža	12.05.2010.	Issued	---
13	Ministry of Defence	13.04.2010.	Issued	---
14	Ministry of Health Canton Sarajevo and Canton Srednjobosanski (sanitary permit)	29.03.2011.	Issued	---
15	Municipality of Ilidža (expert opinion - consent)	23.02.2010.	Issued	---
16	Elektro Kiseljak	01.12.2010.	issued	---
17	Vodovod (water supply) Kiseljak	06.12.2010.	Issued	---
18	Federal Ministry of Environment and Tourism (environmental permit)	19.02.2009.	Issued	---
19	Federal Ministry of Physical Planning	Submitted for the approval of urban planning.		

**11.2. Condition of approval required for construction permit for subsection
Lepenica – Tarčin up to 30.09.2011**

No.	Institutions	Handed	Condition	Previous Policies
1	Federal Ministry of Culture and Sports - Institute for the Protection of Monuments	---	issued	---
2	Agency for Water Area river Sava (Previous water consent)	---	issued	Necessary construction permit.
3	BH Telecom d.o.o.	26.08.2010.	Issued	---
4	Ministry of Physical Planning for Canton Sarajevo and Canton Srednjobosanski	---	Issued	---
5	Municipality Kiseljak (expert opinion - permit)	---	Issued	---
6	Željeznice Federacije BiH d.o.o. (Railway of Federation BiH)	---	issued	---
7	BH Gas	07.12.2010.	Issued	---
8	Elektrodistribucija Sarajevo	13.08.2010.	Issued	Necessary construction permit.
9	Elektroprenos Sarajevo	19.07.2010.	Issued	Necessary prepare documentation.
10	Ministry of Agriculture for Canton Sarajevo and Canton Srednjobosanski (consent for deforestation - forest consent)	---	Issued	---
11	Ministry of Agriculture for Canton Sarajevo and Canton Srednjobosanski (consent for conversion agricultural land - agricultural agreement)	---	issued for Canton Sarajevo handed for Canton Srednjobosanski	
12	Vodovod (water supply) Hadžići	08.07.2010.	Issued	---
13	Ministry of Defense	01.12.2010.	Issued	---
14	Ministry of Health Canton Sarajevo and Canton Srednjobosanski (sanitary permit)	---	Issued	---
15	Municipality of Hadžići (expert opinion - consent)	---	issued	---
16	Elektrodistribucija Kiseljak	---	issued	---
17	Vodovod (water supply) Kiseljak	06.12.2010.	Issued	---
18	Federal Ministry of Environment and Tourism (environmental permit)	19.02.2010.	Issued	---
19	Federal Ministry of Physical Planning	15.07.2011 issued approval of urban planning.		

11.3. Condition of approval required for construction permit for subsection Svilaj – Vukosavlje up to 30.09.2011

No.	Institutions	Handed	Condition	Previous Policies
1	Federal Ministry of Culture and Sports - Institute for the Protection of Monuments	20.01.2011.	issued	---
2	Agency for Water Area river Sava (Previous water consent)	25.10.2010.	Issued (without bridge)	Necessary construction permit.
3	JP HT Mostar d.d.	---	issued	---
4	Ministry of Physical Planning for Canton Posavski	27.12.2010	Obtained only for 0 +000 to 3 +500 km (the rest up to 10 +700 - area of Federation)	---
5	Municipality Odžak (expert opinion - permit)	---	---	---
6	Željeznice Federacije BiH d.o.o. (Railway of Federation BiH)	12.01.2011.	issued	---
7	BH Gas	---	issued	---
8	Elektrodistribucija Odžak	12.01.2011.	issued	---
9	Elektroprenos Tuzla	---	issued	---
10	Ministry of Agriculture for Canton Posavski (consent for deforestation - forest consent)	---	---	---
11	Ministry of Agriculture for Canton Posavski (consent for conversion agricultural land - agricultural agreement)	---	---	---
12	Vodovod (water supply) Odžak	---	issued	---
13	Ministry of Defence	---	issued	---
14	Ministry of Health Canton Posavski (sanitary permit)	---	---	---
15	JP Ceste FBiH (relocation of the main road)	---	---	---
16	Federal Ministry of Environment and Tourism (environmental permit)	---	issued	---
17	Federal Ministry of Physical Planning	Should collect all of the above agreement, 2 copies of elaborates and expropriation elaborate and submit to Federal Ministry of Physical Planning for approval		

12. Appendix 2.
Physical Progress of the Construction Project
up to 30.09.2011

12.1. Section 1: Kakanj – Bilješevo

12.1.1. Physical Progress of the Project (Section 1) up to 31.03.2011

No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works under construction
1	1.	HIGHWAY ALIGNMENT					
2	1.1.	New Alignment	384	07.06.2010.	24.11.2011.	25%	
3	1.2.	Reconstructed alignment	288	10.02.2011.	24.11.2011.	12%	
4	2.	INTERCHANGE LUČANI					
5	2.1.	Construction of toll station „Lučani“	80	22.07.2011.	10.11.2011.	0%	
6	2.2.	Underpassages „Lučani“	80	22.07.2011.	10.11.2011.	0%	
7	3.	DRAINAGE				57,50%	
8	4.	ENGINEER`S CONSTRUCTIONS AND STRUCTURES					
9	4.1.	Passages		25.05.2010.	24.11.2011.	49%	
10	4.2.	Project of recovery sliding area „Tičići“	310	24.05.2010.	29.07.2011.	82%	
11	5.	BRIDGES					
12	5.1.	Construction of new bridge	394	24.05.2010.	21.06.2011.	45%	
13	5.2.	Reconstruction of existing bridges	245	14.06.2010.	20.05.2011.	17%	

Table 9a. Physical progress of Section 1

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No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works under construction
14	6.	REGIONAL ROAD R445					
15	6.1.	Alignment	394	24.05.2010.	21.06.2011.	45%	
16	6.2.	Engineer`s constructions and structures	105	02.09.2010.	26.01.2011.	40%	
17	6.3.	Bridges	105	11.06.2010.	04.11.2010.	71%	
18	6.4.	Passage				36%	
19	7.	LOCAL ROADS	100	27.05.2011.	13.10.2011.	15%	
20	8.	TRAFFIC – TECHNICAL EQUIPMENT					
21	8.1.	Traffic – tehcnical equipment for highway				0%	
22	8.2.	Traffic – tehcnical equipment for regional road				0%	
23	8.3.	Traffic – tehcnical equipment for local road				0%	
24	9.	TRAFFIC OPERATION DURING CONSTRUCTION				45%	
25	10.	WORKS ON INSTALATIONS	384	07.06.2010.	24.11.2011.		
26	10.1.	Gas instalations				100%	
27	10.2.	Electro – distributive lines - collisions				80%	
28	10.3.	Electro energy supply				0%	
29	10.4.	Optic cables and TC lines				5%	
30	10.5.	Traffic information system				0%	
31	10.6.	Sandry works				15%	

Table 9b. *Physical progress of Section 1*

12.2 Section 2: Bilješevo – Gorica (tunnel Vijenac 2964 m)

12.2.1 Physical Progress of the Project (Section 2) up to 31.03.2011

No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works under construction
1	1.	EARTH WORKS ON PORTALS AND CUTTINGS		11.09.2010.	15.11.2010.	100%	
2	2.	PROTECTION AND SUPPORT WORKS ON PORTALS		21.09.2010.	25.12.2010.	100%	
3	3.	DRAINAGE WORKS ON PORTALS AND CUTTINGS		30.11.2010.	31.12.2010.		
4	4.	EXCAVATION IN TUNNELS AND CROSSCONNECTION		05.11.2010.	05.10.2011.	2%	
5	5.	SUPPORT WORKS IN TUNNELS		20.11.2010.	20.12.2012.	2%	
6	6.	SUPPORT WORKS IN CROSS CONNECTIONS		01.01.2011.	20.12.2012.		
7	7.	TUNNELS WATERPROOFING AND DRAINAGE		01.05.2011.	01.01.2012.		
8	8.	DRAINAGE TUNNELS "VIJENAC"		01.07.2011.	01.03.2012.		
9	9.	PORTALS CANOPIES		01.02.2012.	01.08.2012.		
10	10.	CONCRETE WORKS IN TUNNELS AND CROSS CONNECTION		01.10.2011.	01.03.2013.		
11	11.	REINFORCEMENT		01.10.2011.	01.03.2013.		
12	12.	REINFORCED CONCRETE OF CARRIAGEWAY		01.01.2013.	01.07.2013.		
13	13.	GEOTEHNICAL MONITORING		21.09.2010.	01.08.2013.	5%	
14	14.	EARTHING		01.08.2012.	01.12.2012.		
15	15.	HORTICULTURE		01.10.2012.	01.12.2012.		
16	16.	VENTILATION IN TUNNELS		01.05.2012.	01.12.2012.		
17	16.A.	ELECTROMATERIAL AND ELECTROWORKS FOR TUNNEL VENTILATION:		01.02.2013.	01.07.2013.		
18	17.	APROACH TEMPORARY ROADS		02.08.2010.	01.12.2010.	100%	
19	18.	RADIO SYSTEM TUNNELS "VIJENAC"		01.02.2013.	01.07.2013.		
20	19.	SYSTEM OF SOUNDING		01.02.2013.	01.07.2013.		

Table 10a. Physical progress of Section 2

Motorways of Federation of B&H
PC Ltd. Mostar

No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works under construction
21	20.	SUMMARY OF EQUIPMENT AND ASSEMBLAGES TV SYSTEM TUNNELS "VIJENAC" (ITEM 20.1+20.2)		01.02.2013.	01.07.2013.		
22	21.	SUMMARY EQUIPMENT (ITEM 21.1 TO 21.10) AND WORKS ASSEMBLAGES (ITEM 21.11.1 TO 21.11.2) OF REMOTE MANAGEMENT AND SUPERVISION FOR TUNNELS "VIJENAC"		01.02.2013.	01.07.2013.		
23	22.	RETAINING WALL Z3, BETWEEN VIJADUCT "GORICA" AND TUNNELS "VIJENAC"		01.05.2011.	01.12.2012.	80%	
24	23.	RETAINING WALLS Z1 AND Z2, BETWEEN VIJADUCT "GORICA" AND TUNNELS "VIJENAC":		01.05.2011.	01.12.2012.	95%	
25	24.	ALIGNMENT OUT OF TUNNELS VIJENAC		01.05.2011.	01.12.2011.		
26	25.	SURFACE SLIDING "GORICA" /DELUVIUM EROSION/		01.05.2011.	01.12.2011.	50%	
27	26.	WATER SUPPLY TUNNELS "VIJENAC"		01.03.2013.	01.07.2013.		
28	27.	DIVERSION OF VILLAGE EXISTING ROAD		01.07.2013.	31.07.2013.		
29	28.	WATER SUPPLY TUNNEL "VIJENAC"		01.05.2012.	01.12.2012.		
30	29.	HYDRANT NETTING IN TUNNELS "VIJENAC"		01.05.2012.	01.12.2012.		
31	30.	INTERNAL TUNNELS DRAINAGE		01.03.2013.	01.07.2013.		
32	31.	ELECTRICAL TUNNELS SUPPLY		01.05.2013.	01.07.2013.		
33	32.	TRANSFORMER STATIONS AND UPS		01.05.2013.	01.07.2013.		
34	33.	DESIGN OF LIGHTING AND LOW VOLTAGE FEEDING DISTRIBUTION CABINET TUNNEL EQUIPMENT		01.05.2013.	01.07.2013.		
35	34.	CABLE TRENCHING IN FRONT OF TUNNELS:		01.05.2013.	01.07.2013.		
36	35.	OPTICAL TELECOMMUNICATION CABLES		01.02.2012.	01.06.2014.		
37	36.	TELEPHONE CALLING SYSTEM TPS		01.02.2012.	01.06.2013.		
38	37.	SYSTEM OF FIRE ANNOUNCEMENT		01.02.2012.	01.06.2013.		
39	38.	TRAFFIC SIGNALIZATION AND EQUIPMENT IN TUNNELS "VIJENAC"		01.06.2013.	31.07.2013.		

Table 10b. *Physical progress of Section 2.*

12.3. Section 3: Gorica – Drivuša

12.3.1. Physical Progress of the Project (Section 3) up to 31.03.2011

No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works under construction
1.	1.	ALIGNMENT WORKS:	622 days	27.10.2010.	20.10.2012.	70,00%	
2.	2.	TOLL STATION DRIVUŠA:	583 days	22.11.2010.	01.10.2012.	60,00%	
3.	3.	COKP DRIVUŠA:	532 days	07.03.2011.	27.10.2012.	55,00%	
4.	4.	OTHER ROADS AND TRAFFIC SURFACES:				70,00%	
5.	5.	INTERNAL DRAINAGE:	503 days	15.03.2011	20.10.2012	70,00%	
6.	6.	ENGINEER'S CONSTRUCTIONS AND STRUCTURES:					
7.	6.1.	SUMMARY BRIDGE M-1	298 days	27.10.10	02.02.12	0,00%	Not started yet
8.	6.2.	SUMMARY BRIDGE M	60 days	17.08.12	25.10.12	0,00%	
9.	6.3.	SUMMARY BRIDGE M-2	486 days	04.01.2011	15.09.12	20,00%	

Table 11a. *Physical progress of Section 3.*

Motorways of Federation of B&H
PC Ltd. Mostar

No.	ID	Task Name	Duration	Start	Deadline	% of Completion	Type of Works under construction
10.	6.4.	SUMMARY BRIDGE M-3	660 days	27.12.2010	27.10.2012	30,00%	
11.	6.5.	SUMMARY UNDERBRIDGE "DRIVUŠA"	660 days	10.11.10	27.10.12	5,00%	
12.	6.6.	SUMMARY CULVERT "DRIVUŠA"	91 days	15.12.10	30.03.11	0,00%	Not started yet
13.	6.7.	RETAINING WALL at km 3+800 – 3+920	74 days	15.04.2011	27.07.2011	0,00%	
14.	7.	TRAFFIC SIGNALIZATION AND EQUIPMENT:				0,00%	It is not presented in Contractor's time-table
15.	8.	PROTECTION FROM NOISE:				0,00%	It is not presented in Contractor's time-table
16.	9.	INSTALLATIONS:				0,00%	

Table 11b. Physical progress of Section 3.

