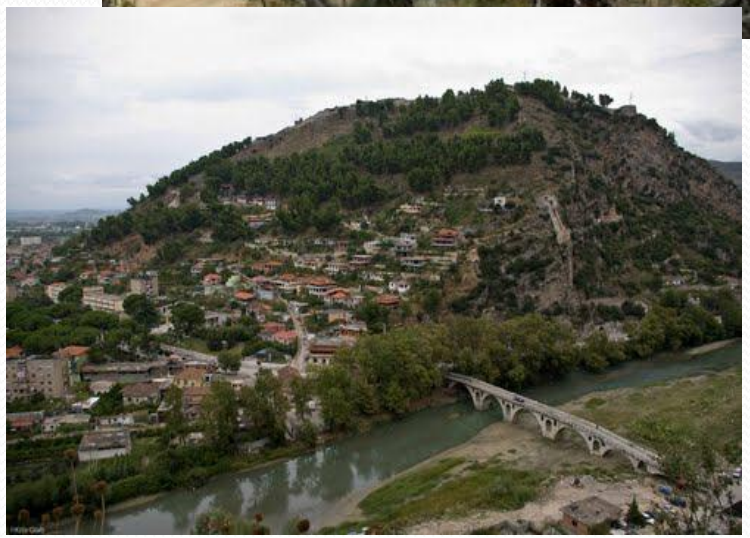
PROJECT PROPOSAL

FOR CONSTRUCTION OF BERAT BY-PASS, SYSTEMATIZATION AND CHANALIZATION OF OSUM RIVER NEARBY AND URBANIZATION OF THE BENEFITED AREA



Prezented by:

INFRATRANSPROJECT LTD. CONSULTING.DESIGN.SUPERVISION 1991

ARK TEK STUDIO Ltd.

gpo

Tirana, 2012

PROJECT PROPOSAL
FOR CONSTRUCTION OF BERAT BY-PASS, SYSTEMATIZATION AND CHANALIZATION OF OSUM RIVER NEARBY AND URBANIZATION OF THE BENEFITED AREA

Berat is selected UNESCO World Heritage city

NEW PROJECT IS COMPOSED BY THREE MODULUS:

- **1. By-pass**, which will deviate the very heavy traffic flow which transit and which passes along the city, **27.76 million Euro**
- **2. Systematization** and **canalization** of **Osum River** nearby, including the control of floods of Berati surrounding torrents, **2.70 milione Euro**
- **3. Urbanization** of the benefited territory of 42 hectares, **10.60 milione Euro**
- **TOTAL PROJECT COST: 41.06 million Euro (equal approx 54 million US$)**

BERAT BY-PASS

- The World Heritage city of Berat and its monuments of high historical, cultural and architectonic value, suffers from long time for transport infrastructure, particularly for a By-pass, which will deviate traffic flow, crossing the entire city.

- The city has a longitudinal North west-East south shape, where traffic flow, coming from the other part of the Country: Tirana Capital, Durres Port, International Airport etc, throughout the new highway North-South Corridor, enters here and transit the city, crossing almost the city centre, influencing in a negative high environment impact.

BY-PASS CONTENT and PROJECT'S COST

By-pass of Berat is composed by three modulus in a highway length of **4 410 ml**, which contains:

- **a)** Road **Segmenti 3 130 ml long**, with a construction cost of **8.61 million Euro**
- **b) Tunnel, 1 200 ml long,** for over passing of the hilly formations of Gorica quarter of the city, with a construction cost of **18.0 million Euro (single tube) and**
- **c)** New bridge **80-100 ml long, with a construction cost of 1.15 million Euro.**
- In total By-pass construction cost is about: **27.76 million Euro**

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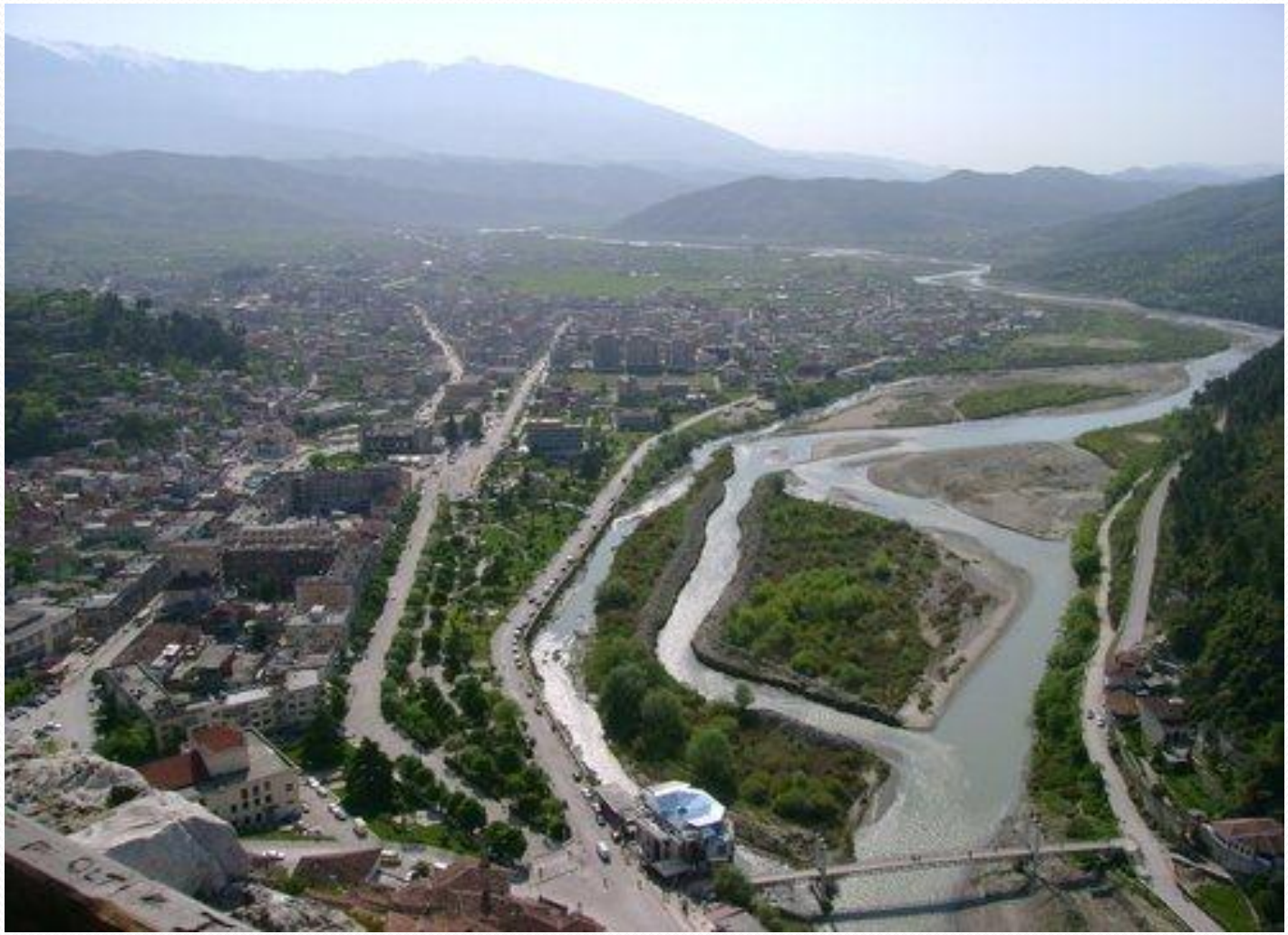

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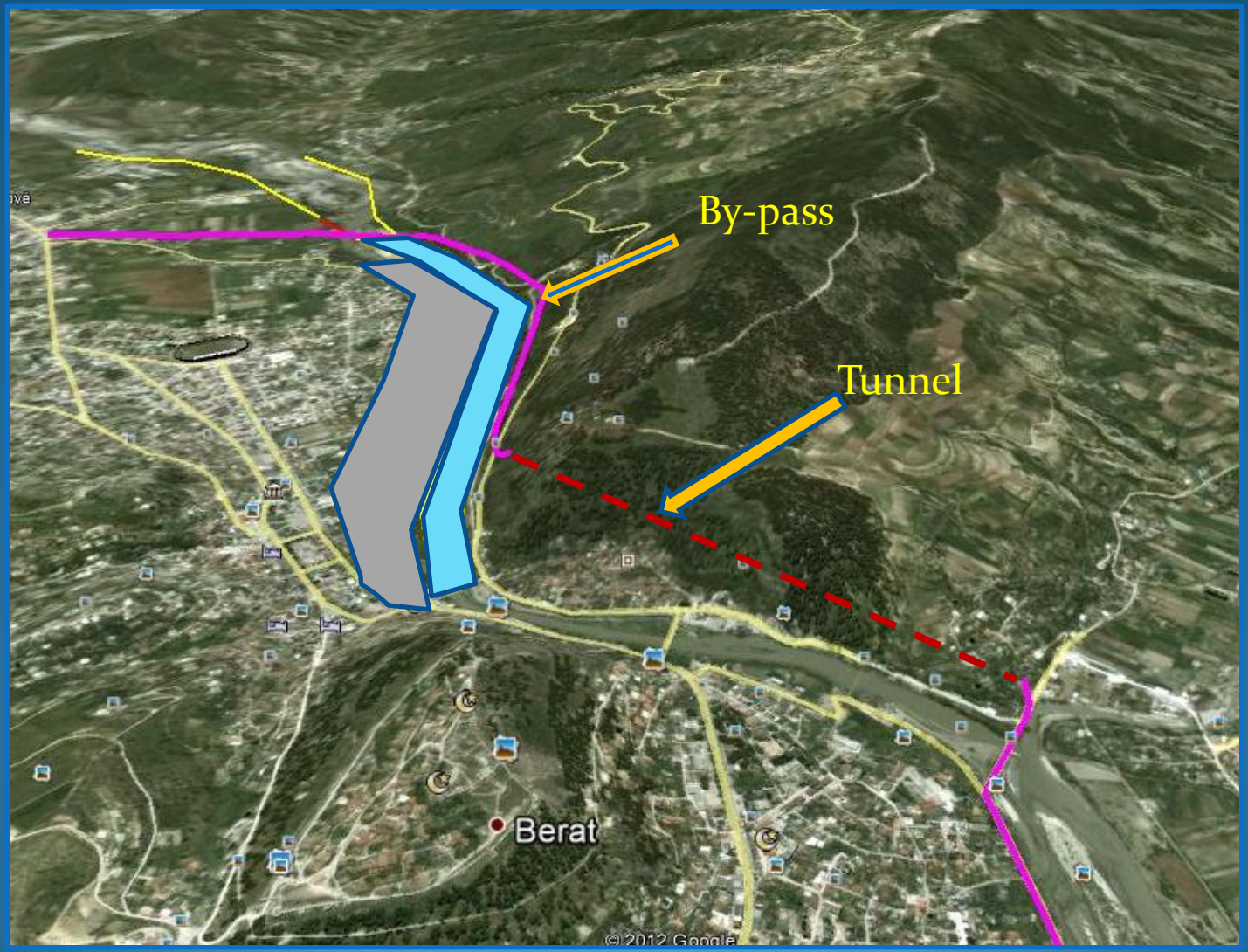

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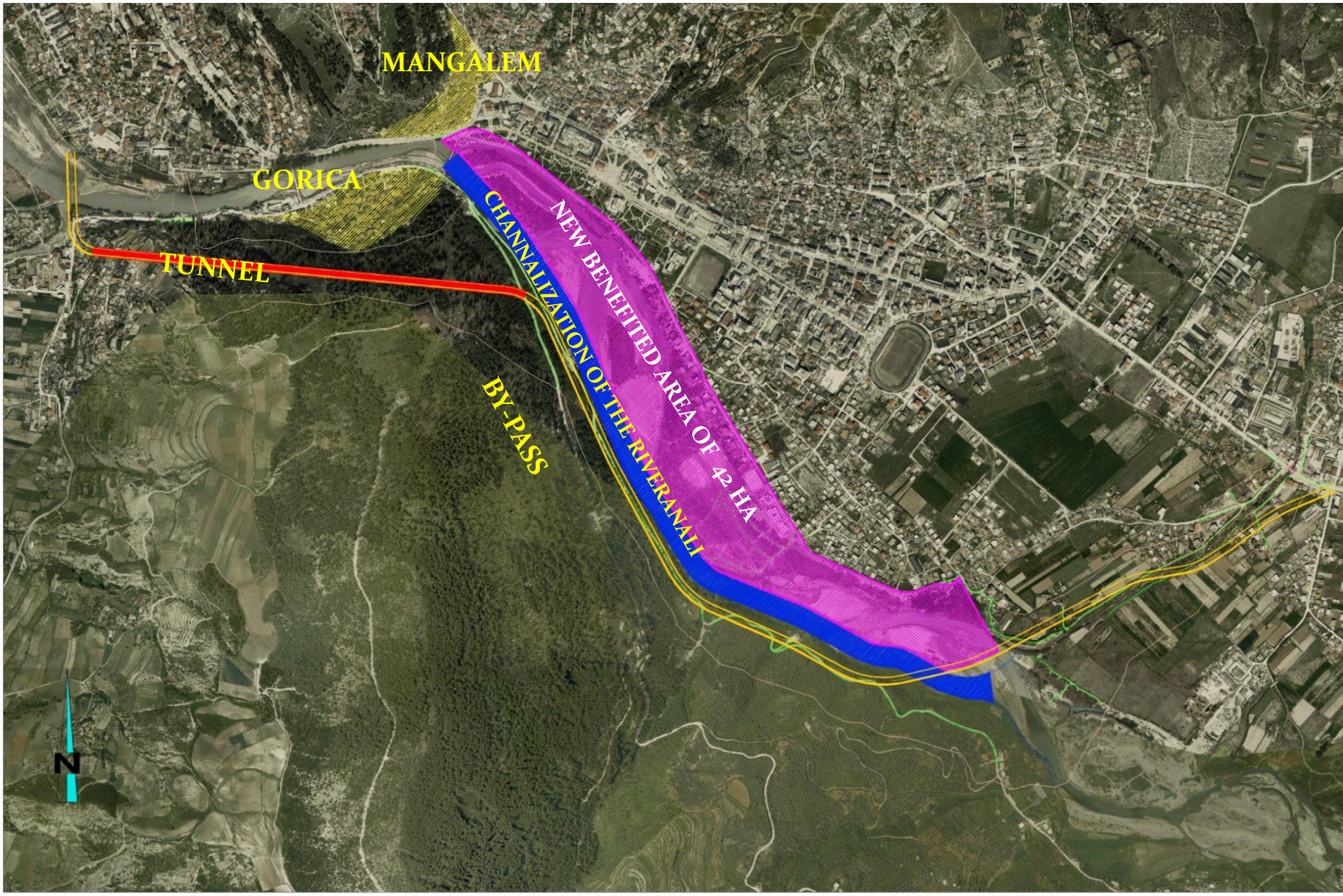

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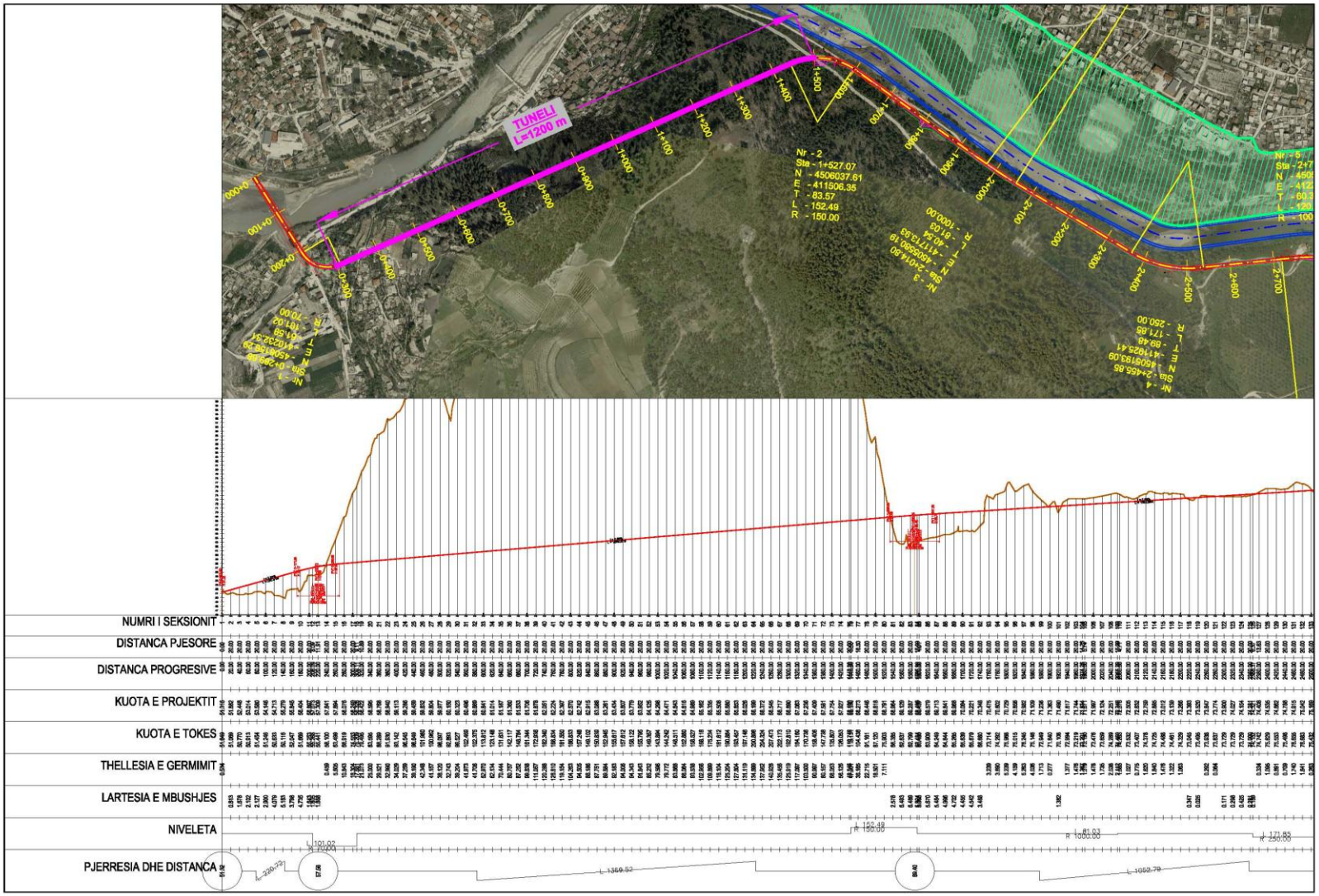

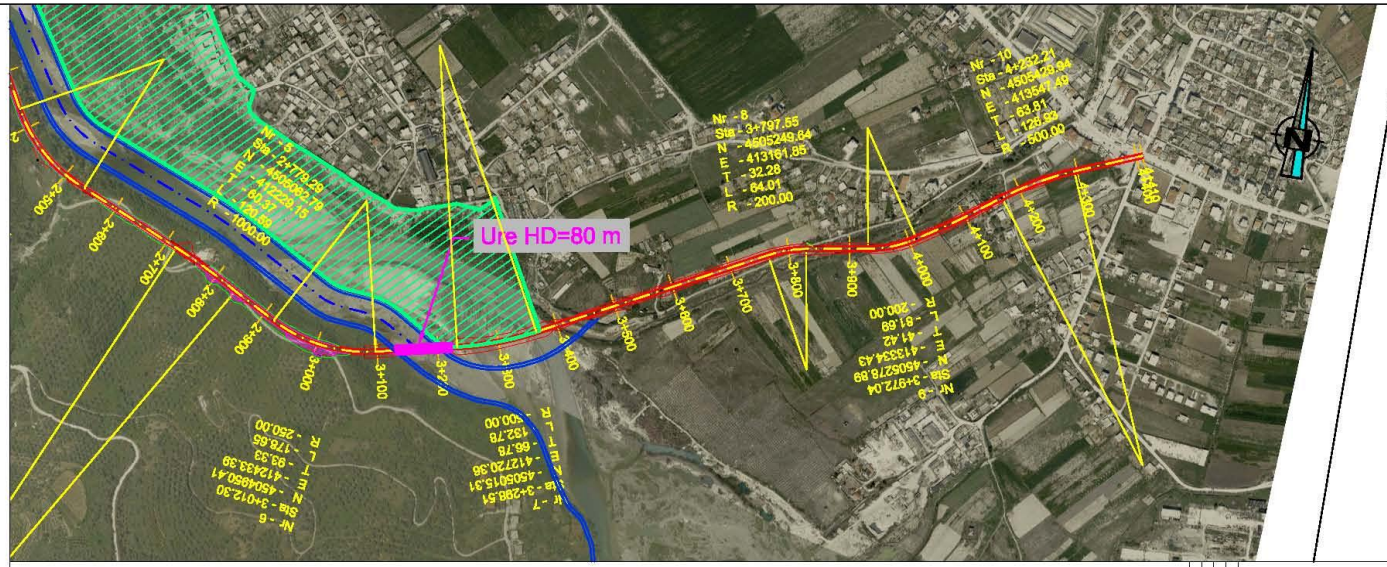
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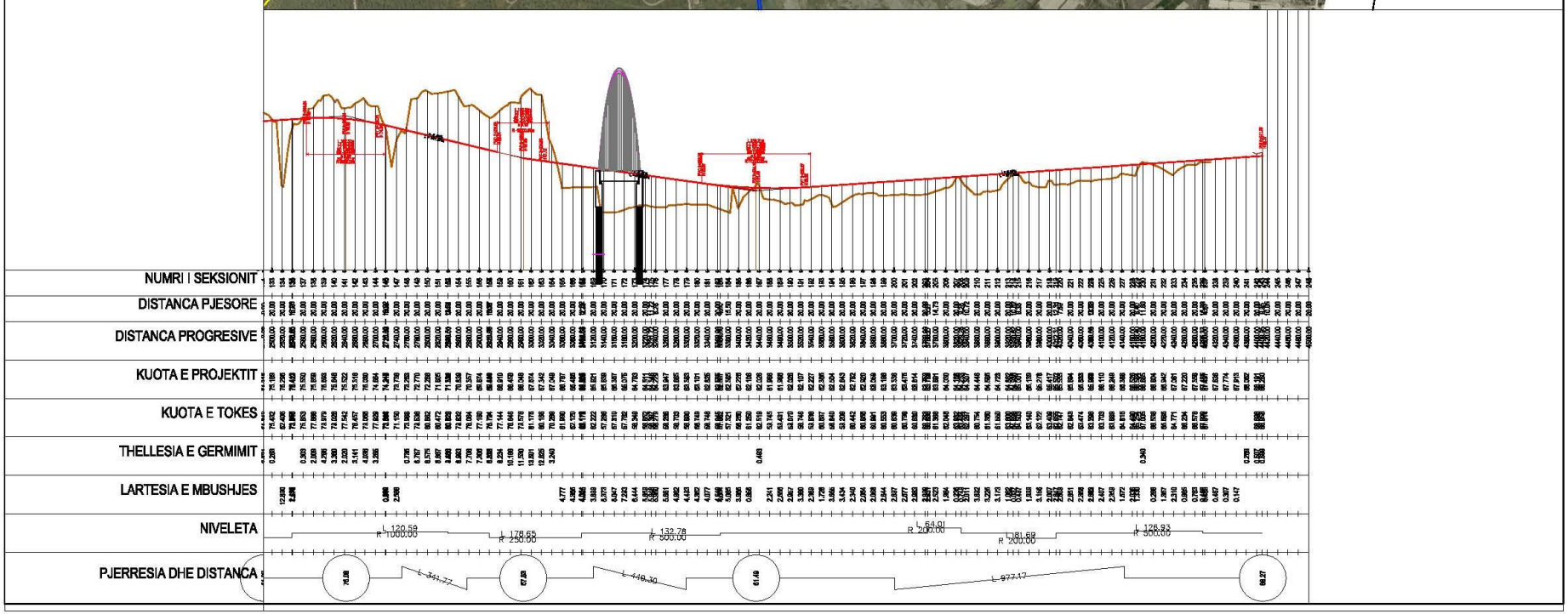
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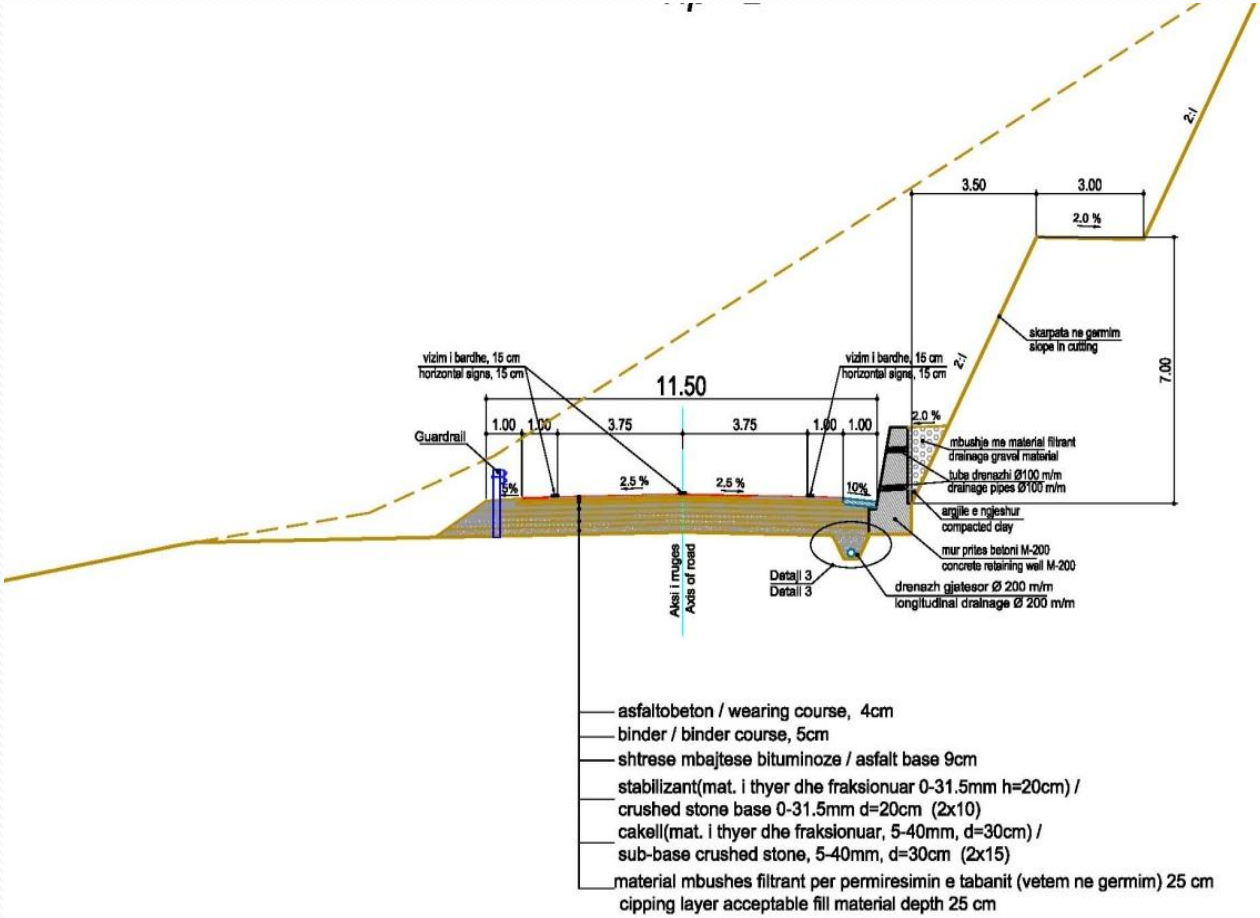
PROJECT PROPOSAL

FOR CONSTRUCTION OF BERAT BY-PASS, SYSTEMATIZATION AND CHANALIZATION OF OSUM RIVER NEARBY AND URBANIZATION OF THE BENEFITED AREA

T YPICALL HIGHWAY CROSS SECTION
LENGTH : 3.12 LONG
CONSTRUCTION COST: 8.61 million Euro



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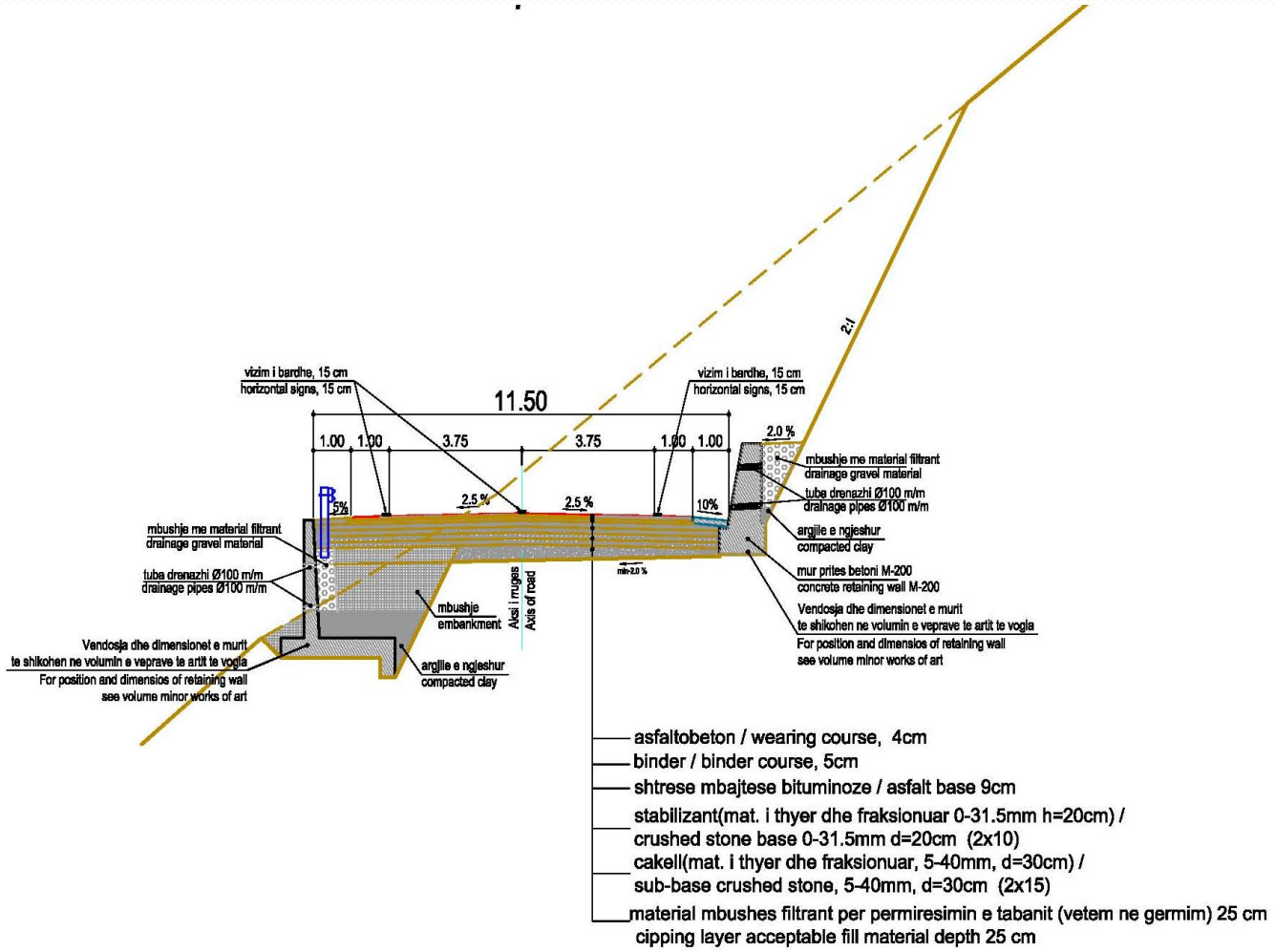

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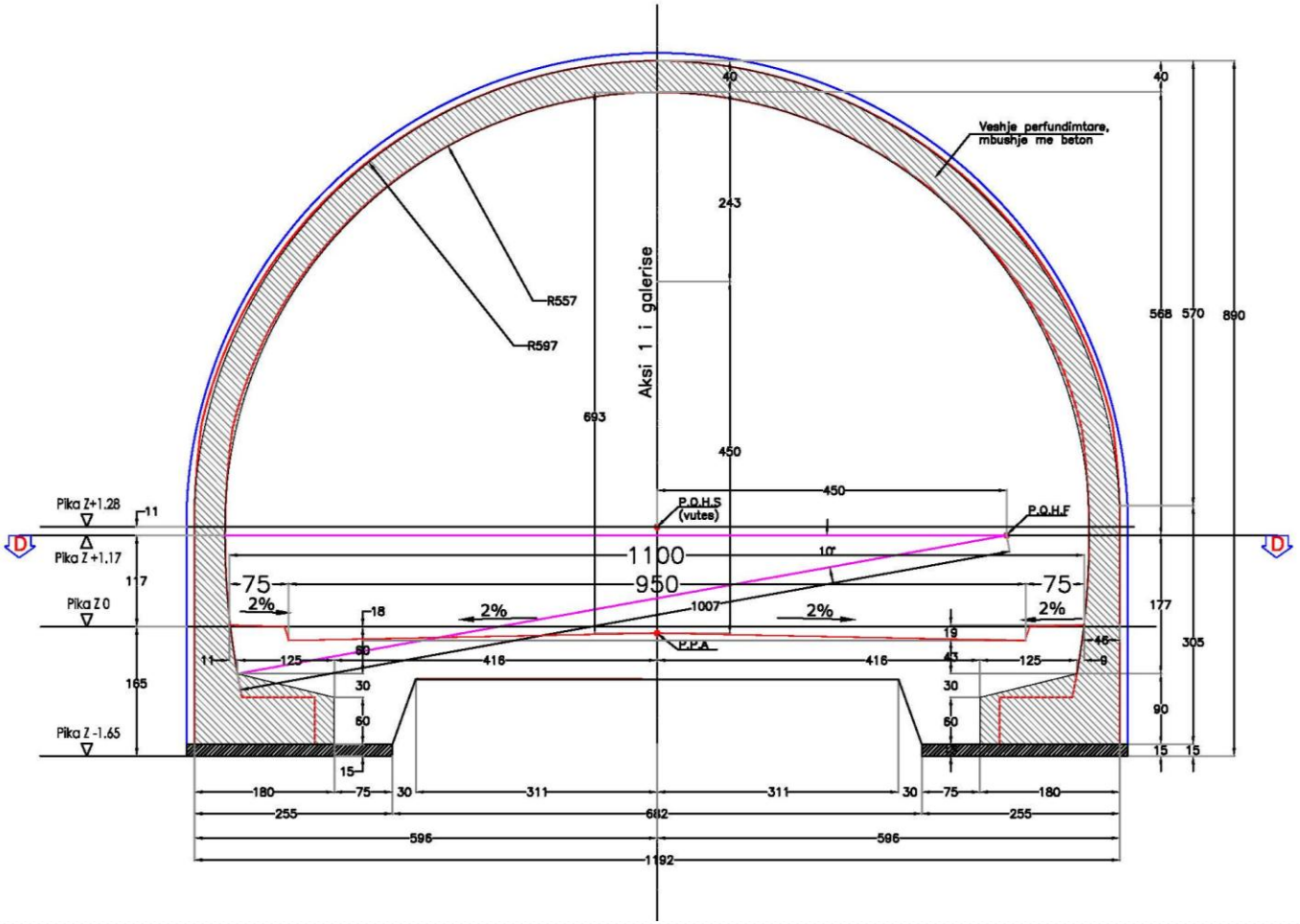
TUNNEL SINGLE TUBE LENGTH: 1 200 ML

TUNNEL COST: 18 million euro

Geology: limestone rock, good to very good geological conditions



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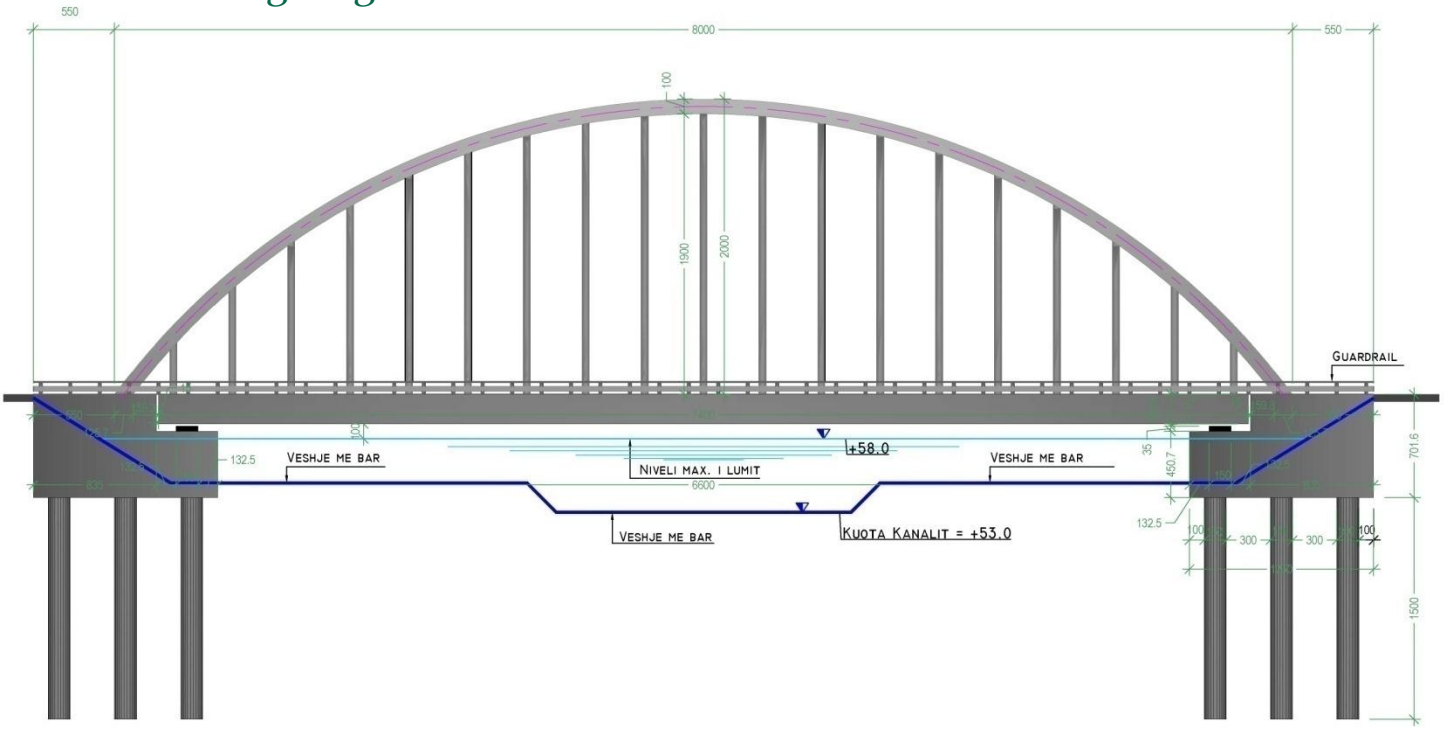
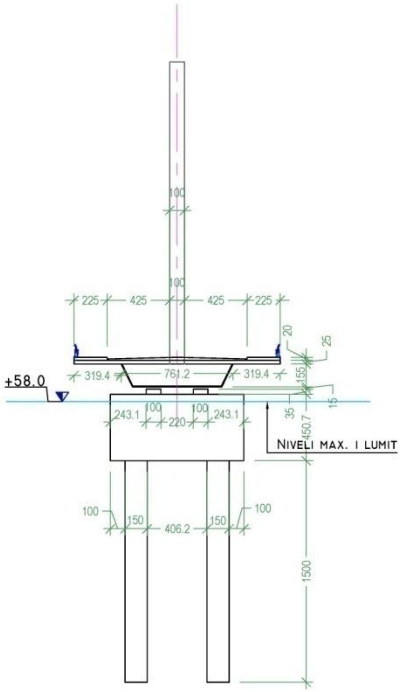
BRIDGE OVER OSUMI RIEVER

- Length of bridge is about **80-100 ml**
- Construction cost **1.15 million Euro.**
- Cross section is composed: **single carriageway 2x 4.25 m** + 2 sidewalk by **2.25 m** wide each.
- Bridge is **arch system** placed just in the middle of the carriageway.
- The bridge high is **20.0 m**.





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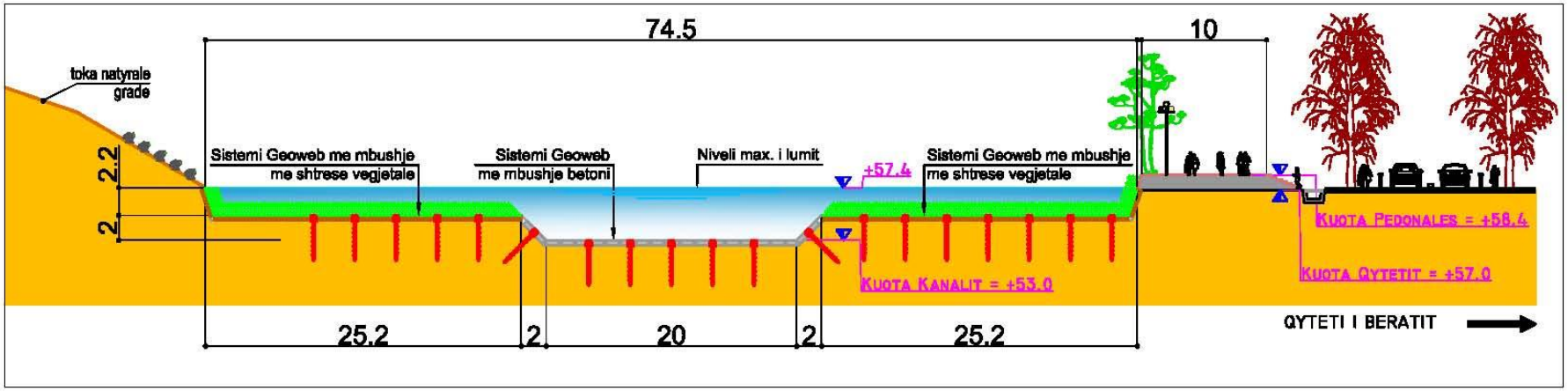

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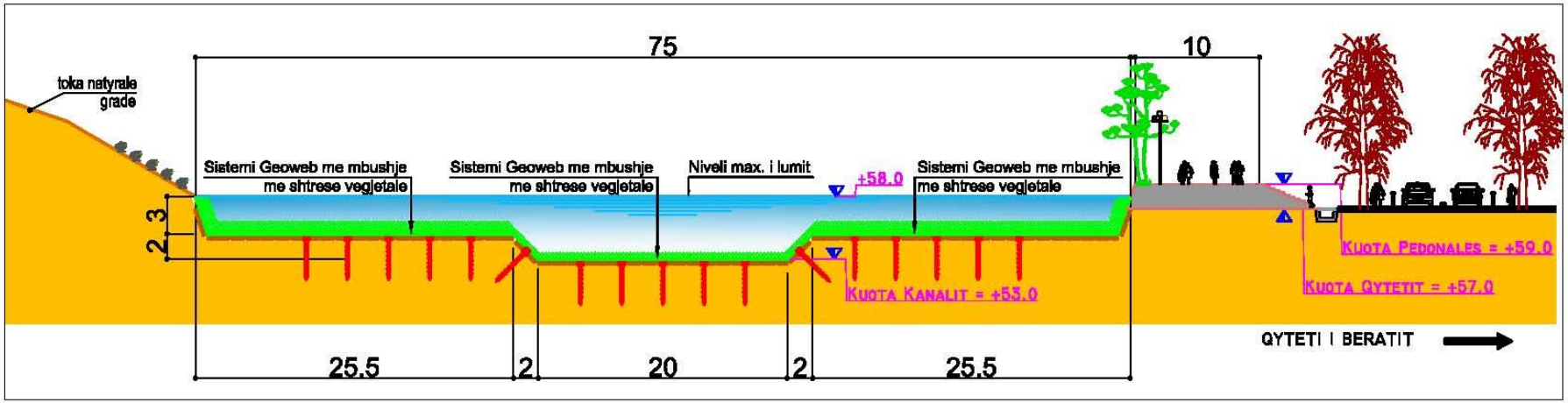

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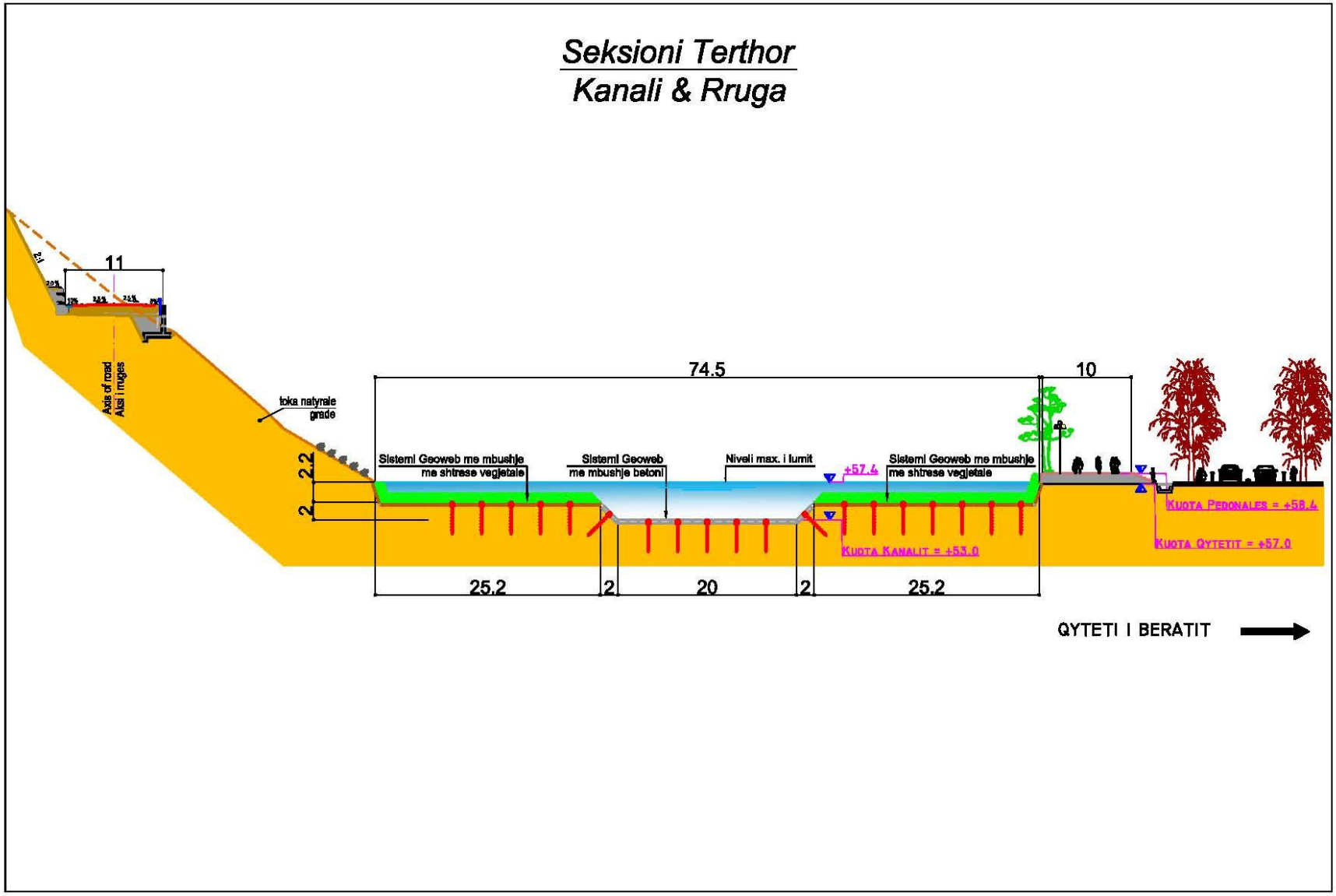
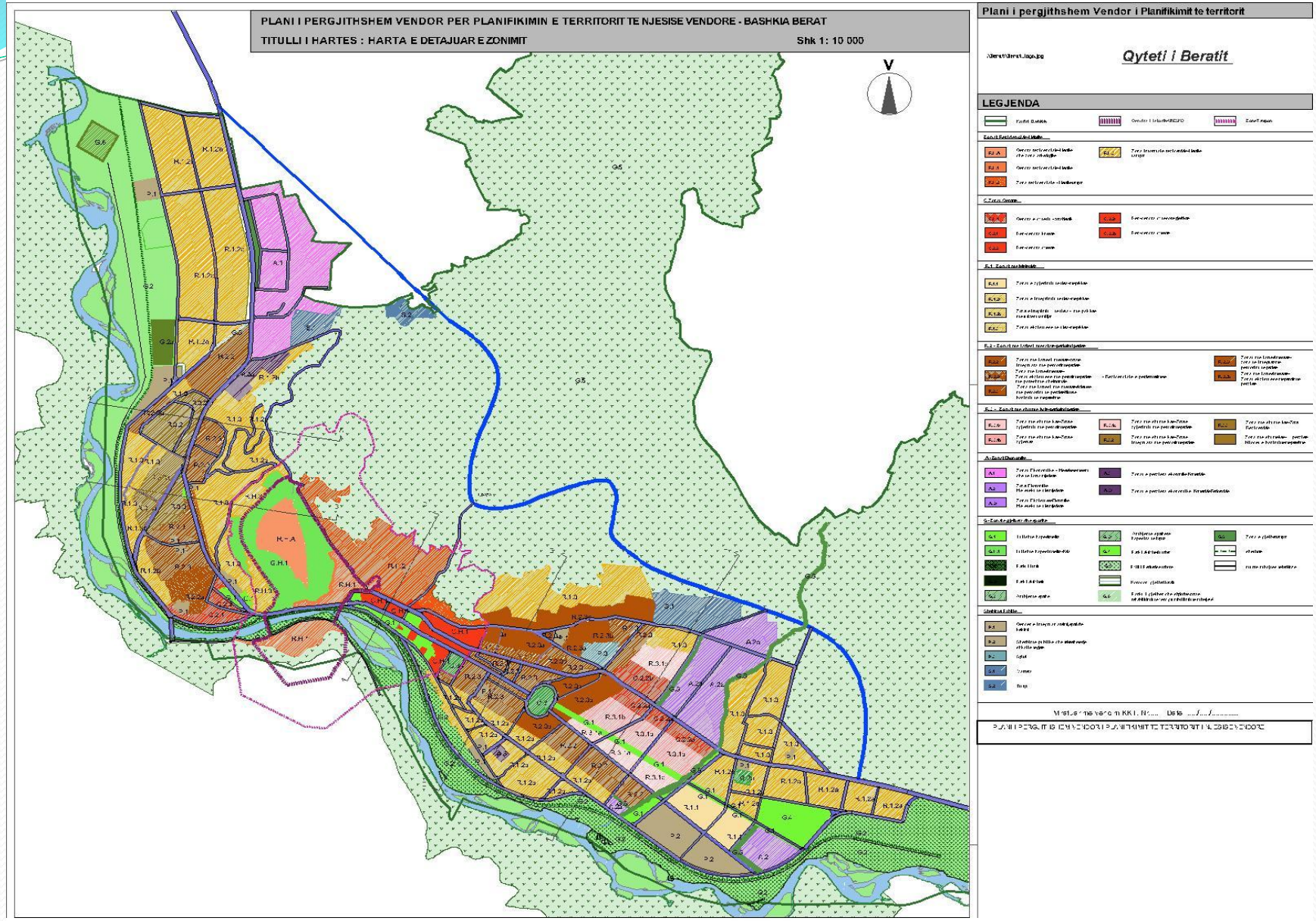


FORMER EXISTING URBAN MASTER PLAN OF BERAT AND BY-PASS IDEA



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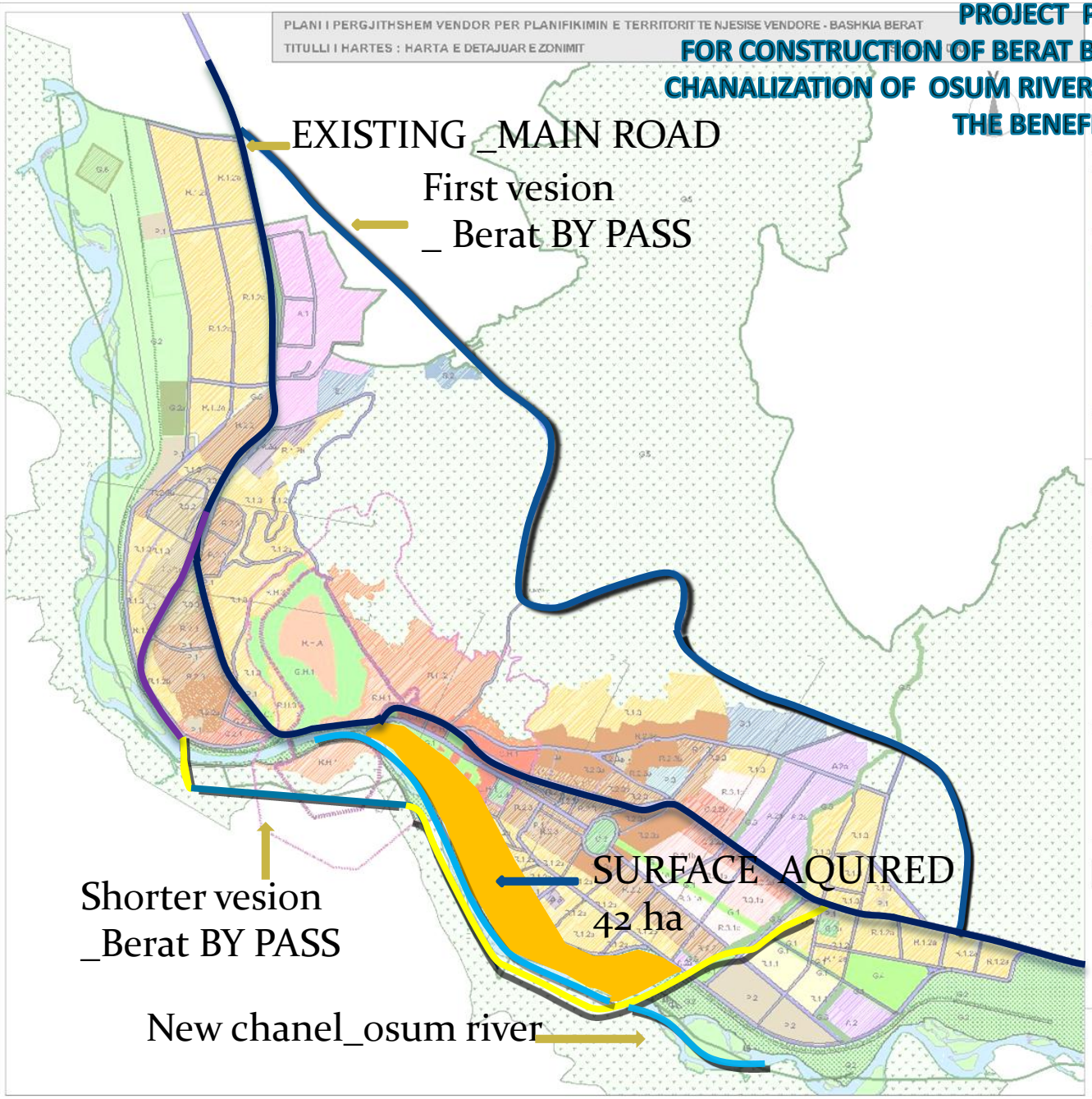
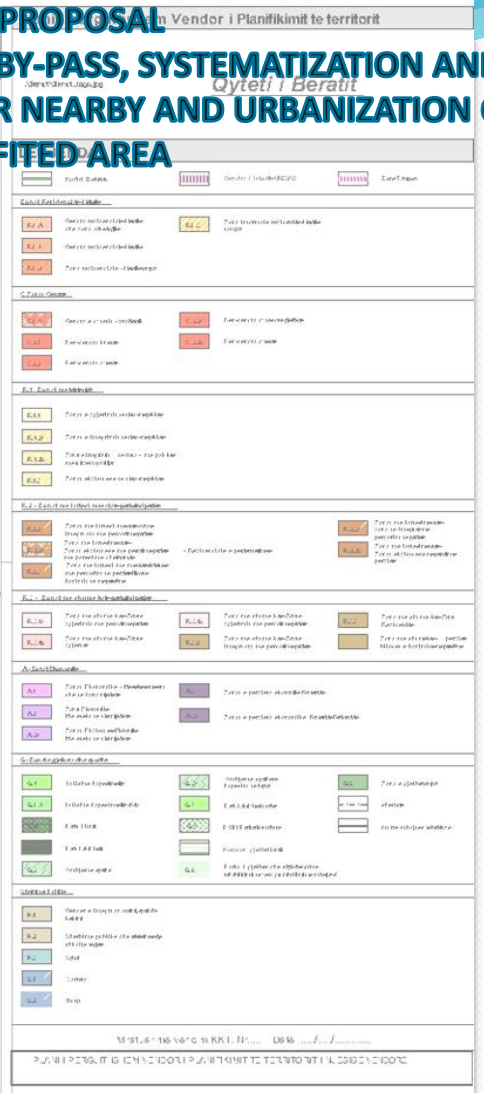
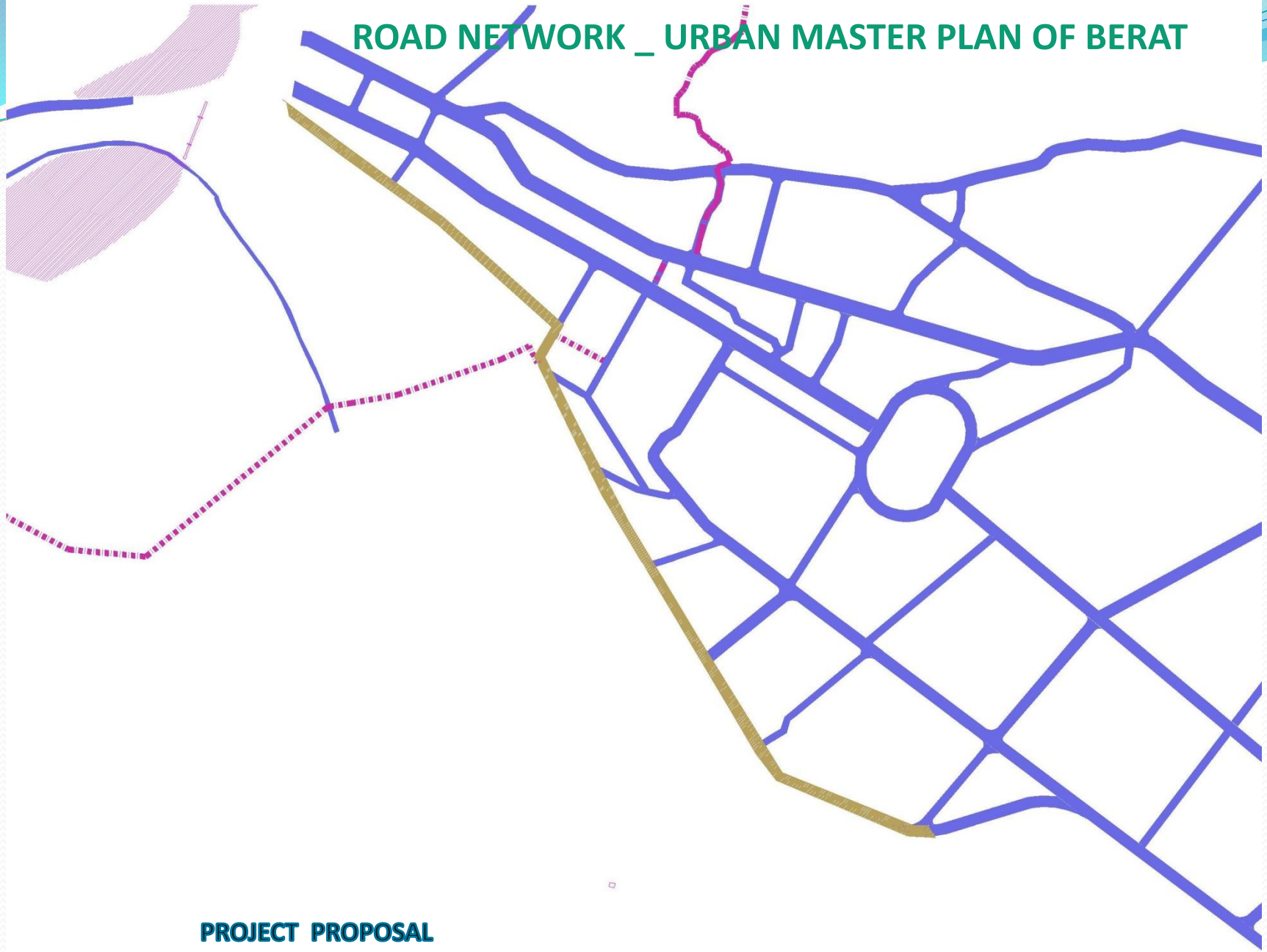




MASTER PLAN _BERAT

ROAD NETWORK _ URBAN MASTER PLAN OF BERAT



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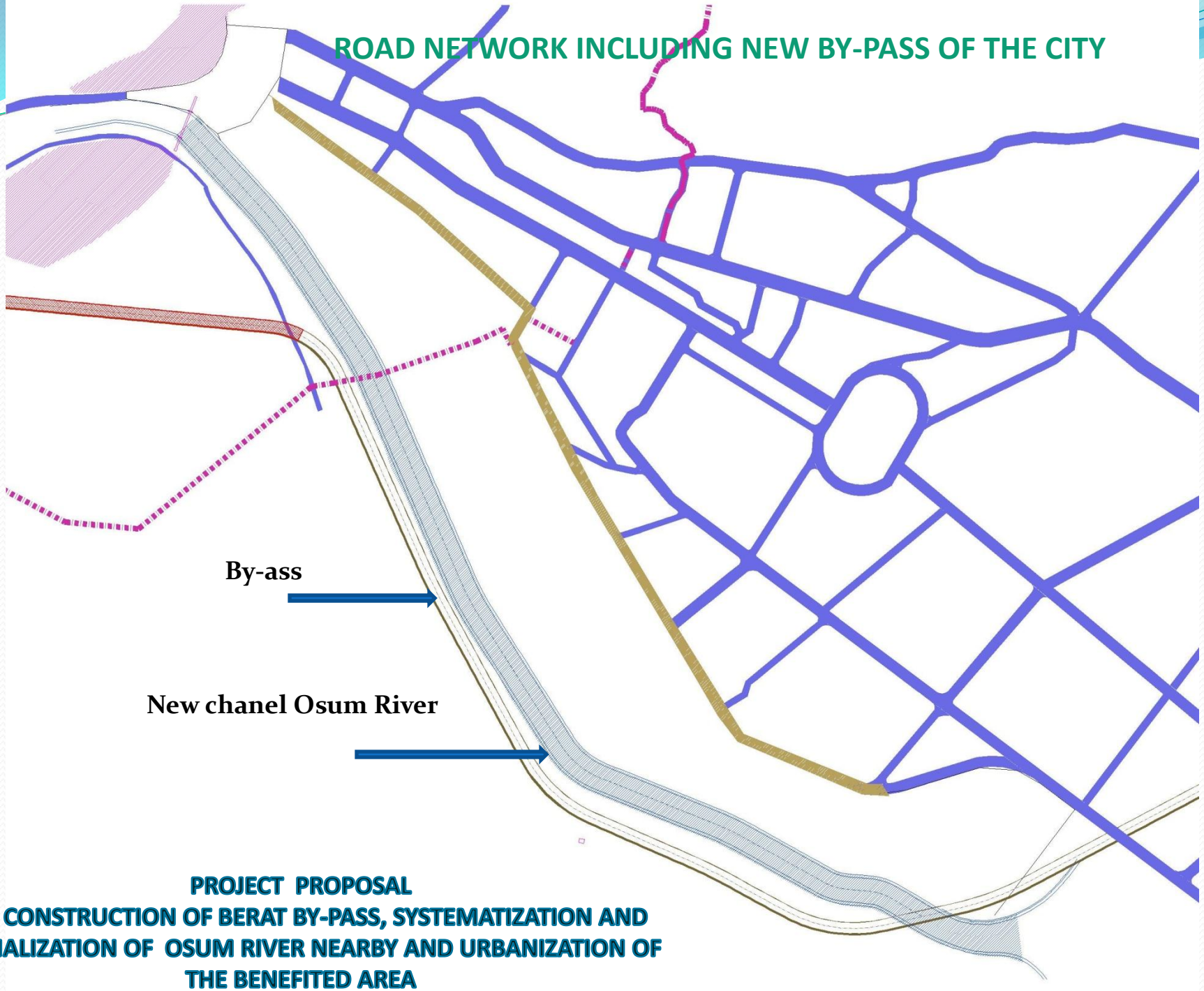
ROAD NETWORK INCLUDING NEW BY-PASS OF THE CITY



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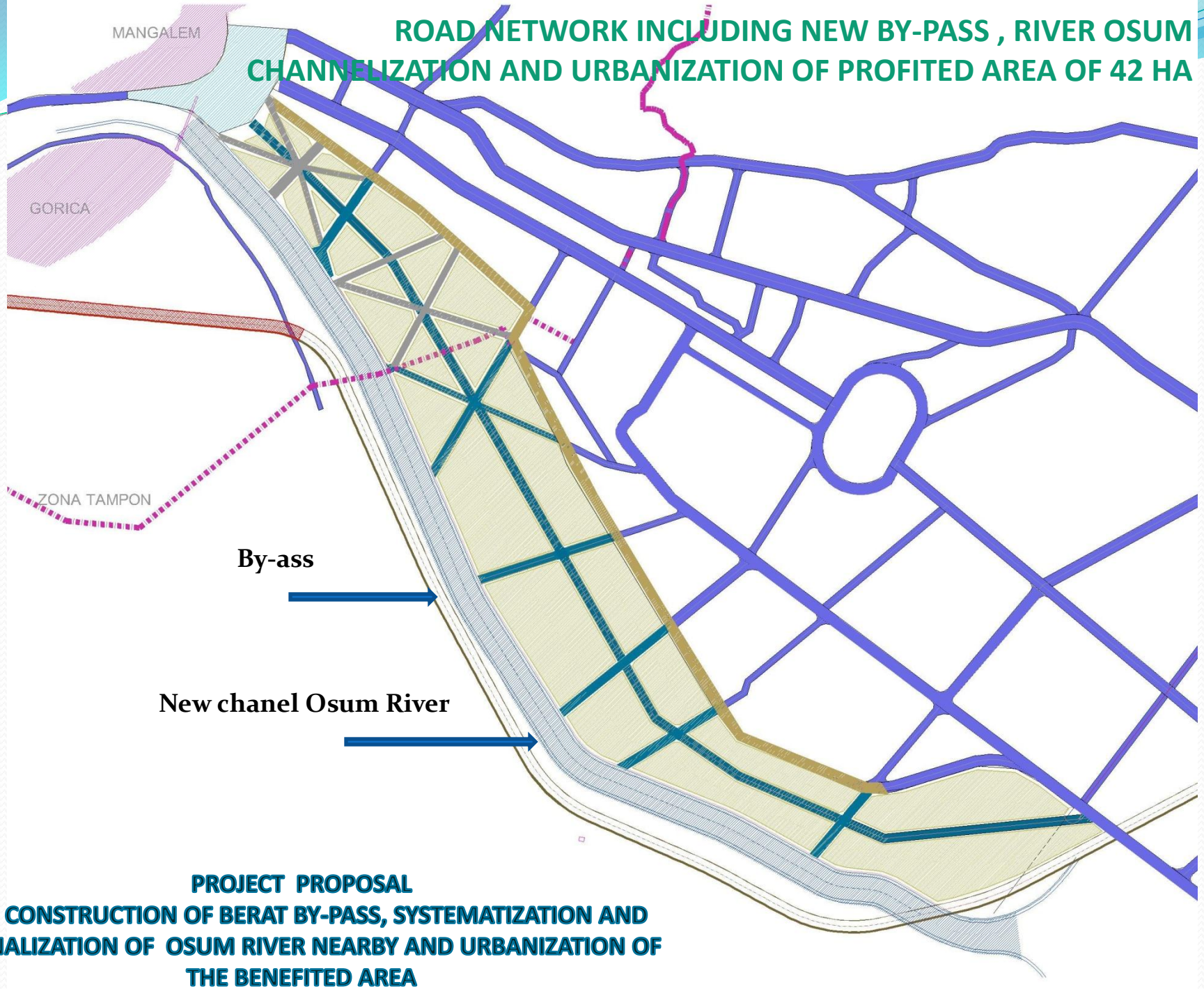
ROAD NETWORK INCLUDING NEW BY-PASS , RIVER OSUM CHANNELIZATION AND URBANIZATION OF PROFITED AREA OF 42 HA



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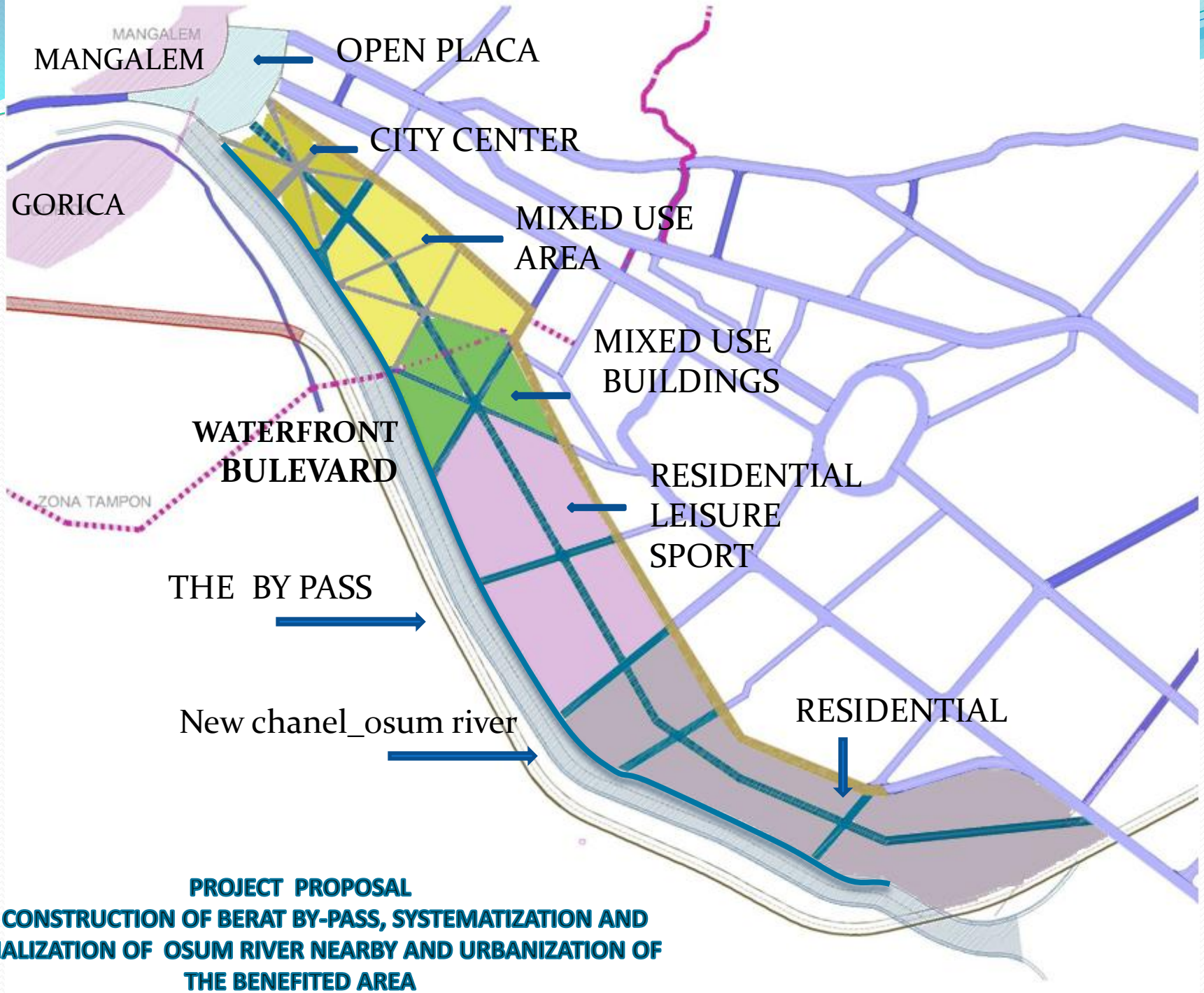

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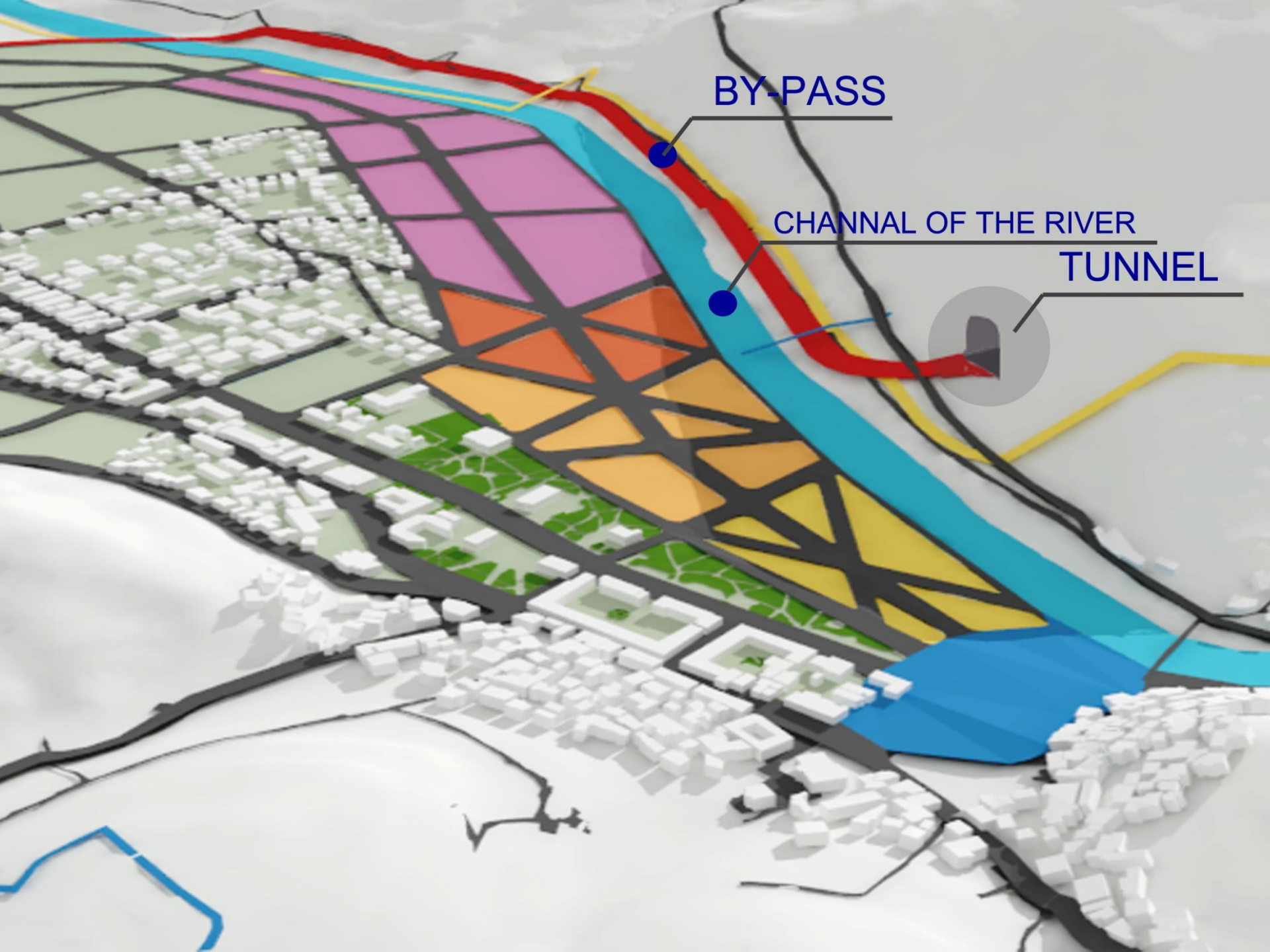
BY-PASS
CHANNAL OF THE RIVER
TUNNEL

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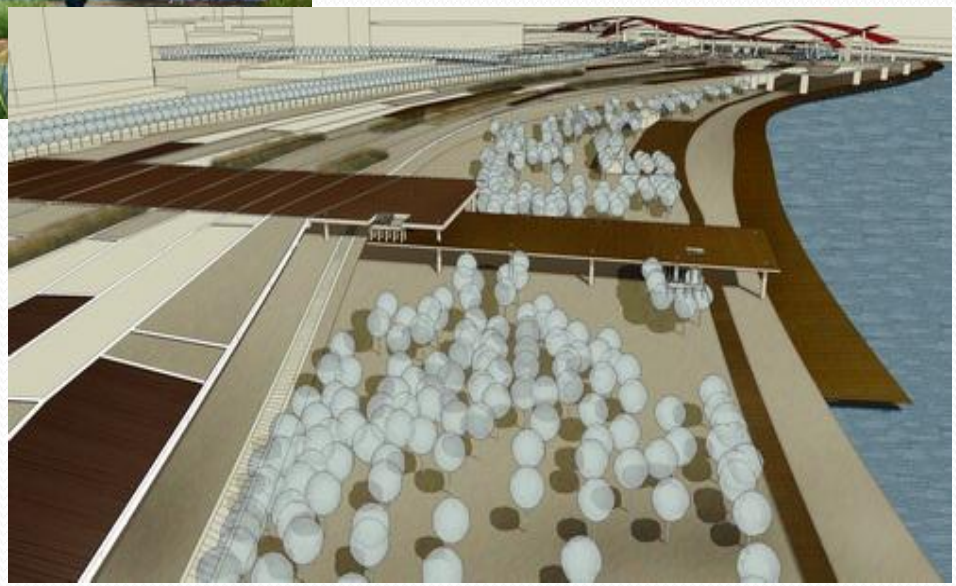

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FOR CONSTRUCTION OF BERAT BY-PASS, SYSTEMATIZATION AND CHANALIZATION OF OSUM RIVER NEARBY AND URBANIZATION OF THE BENEFITED AREA

Document (original) of the DECISSION of the COUNSEL of BERAT Municipality for the APPROVAL of the Project Study and involvement in the implementation Programs

KESHILLI I BASHKISE BERAT

V E N D I M

Nr.20 Date01.06.2012

PER MIRATIMIN E PROJEKT –IDESE,TE NDERTIMIT TE BY-PASSIT TE BERATIT ,SISTEMIMIN E LUMIT OSUM ,TE PARAQITUR NGA SHOQERITE "INFRATRANSPROJECT" SHP.P.K , "ARK-TEK "STUDIO SHPK, "GPO ENGINEERING" SHPK DHE PERFSHIRJA E KETIJ PROJEKT PROPOZIMI NE PLANIN E PERGJITHSHEM RREGULLUES TE QYTETIT BERAT.

Keshilli i Bashkise Berat ne mbeldhjen e datese 01.06.2012 ,mbeshtetur ne ligjin nr.8652 date 31.07.2000"Per organizimin dhe funksionimin e qeverisjes vendore" ,neni 32 , , ligjin nr 10119 date 23.04.2009"Per planifikimin e Territorit"

VENDOSI:

1.Te miratohet "**Projekt –Idea e ndertimit te By-Passit te Beratit dhe Sistemimi i lumit Osum ,te paraqitur nga shoqerite "InfraTransProject" shp.p.k , "Ark-Tek "Studio shpk, "GPO Engineering" shpk dhe perfshirja e ketij Projekt-Propozimi ne Planin e Pergjithshem Rregullues te Qytetit Berat.**

2.Ky Projekt-Propozimi te pasqyrohet ne Planin e Pergjithshem Vendor te Qyetetit Berat.

3.Me ndjekjen dhe zbatimin e ketij vendimi ngarkohet Kryetari i Bashkise dhe Drejtoria e Planifikimit te Territorit,Investimeve dhe Kontrollit te Projekteve .

KRYETARE E KESHILLIT BASHKIAK

Valbona ZYLYFTARI

REPUBLIKA E SHQIPERISE BASHKIA BERAT

Document in English

DECISION

No.20 Date 01.06.2012

FOR THE APPROVAL OF THE MAIN STUDY PROJECT: "BERAT BY-PASS AND THE REGULATION OF OSUM RIVER" PRESENTED BY THE CONSULTANT COMPANIES "INFRATRANSPROJECT" shpk, "ARK-TEK STUDIO" shpk AND "GPO ENGINEERING" AND THE IMPLEMENTATION OF THIS STUDY IN THE GENERAL URBAN MASTER PLAN OF BERAT.

The Council of Berat Municipality in the council meeting in 1st of June 2012 based on the law no.8652 date 31.07.2000 "*On the Organization and Functioning of Local Governments*" article 32, law no 10119 date 23.04.2009 "*On the planning of the territory*"

DECIDED:

1. To approve the Main Study for the project "Berat Bypass and the regulation of Osum River", presented by the consultant companies "InfraTransProject" sh.p.k, "Ark-Tek "Studio shpk, "GPO Engineering" shpk and the implementation of this study in the General urban master-plan of Berat.

2. This study will be reflected in the General Plan of Berat Municipality developments.

3. Berat Municipality Counsel authorizes the Mayor of Berat Municipality and the Territory Planning Directory, Investment for the implementation of this Decision.

CHAIRWOMAN OF THE COUNCIL

Valbona ZYLYFTARI