Vision Timisoara 2030:

Unterstützung bei der Entwicklung eines nachhaltigen Infrastrukturkonzeptes für die Stadt Timisoara

Suport la dezvoltarea unui concept durabil pentru infrastructura municipiului Timisoara

Primaria Timisoara

Politechnica Timisoara

Fraunhofer IPA Stuttgart

Vision Timisoara 2030

Streets

Intelligent traffic control system

Road planning for smooth traffic flow

Connected to the European road network

Modern car parking systems for inner city areas

Orbital motorway to avoid transit traffic

Public transport

Environmentally friendly commuter town

Intelligent interconnection between urban and long-distance transport systems

Improved private transport at peak times

Low-cost mobility from rural to urban areas

Timisoara

A European high-tech city with deep historical and multi-cultural roots

Rail

Optimal integration with public transport

Tourist-friendly transport to the historic town center

Connection to the rail network

Main guarantor for mobility within catchment area

Intersections with road traffic without barriers

Urban development

High-tech center capable of development, focusing on technology and improved logistics

Place for family living in an ecological environment in close touch with nature

Innovative research, training and education centers

Enjoyable shopping experience

Historic town center with cultural diversity

Structura organizatorica a projectului

Steering Committee

Prof. Dr. Ing. **Robu Nicolae**
Rector
Universitatea „Politehnica“ Timisoara

Prof. Dr. Ing. **Bogdanov Ivan**
Sef Departament Electronica Aplicata
Universitatea „Politehnica“ Timisoara

Dr. Ing. **Ciuhandu Gheorghe**
Primar
Primaria Municipiului Timisoara

Arh. **Junie Aurelia**
Director Directia de Dezvoltare
Primaria Municipiului Timisoara

Dr.-Ing. **Kai-Udo Modrich**
Sef Departament Information Proccesing
Fraunhofer IPA

Prof. Dr. Ing. **Bogdanov Ivan**
Sef Departament Electronica Aplicata
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Ing. **Chis Culiţă**
Director Directia Drumuri si Transporturi
Primaria Municipiului Timisoara

Dipl. Ing. (FH) **Reinerth Hans** MBA
Proiect manager
Fraunhofer IPA

Operative Board

Dr. Ing. **Bota Cornel**
Director General
S.C. Drumuri Municipale S.A.

Project :
Drumuri

Ing. Cons. Jr. **Goia Ioan**
Director Tehnic
Regia Autonoma de Transport

Project:
Transport public

Ing. **Stoichescu Ion**
Sef Divizie Tehnica
Regionala C.F.

Project:
CFR

Prof. Arh. **Ciurariu Sorin**
Director Direcţia de Urbanism
Primaria Municipiului

Project:
Urbanism

Ing. **Lombrea Paul**
Director Dezvoltare
S.N. Aeroport Internaţional
„Traian Vuia” S.A.

Project:
Aeroport

Proiectele importante – TIMISOARA 2030 -

CFR

- Realizarea centurii feroviare de nord
- Modernizarea garilor CF ca statii de transfer intermodal
- Ridicarea liniei CF pe estacada

Drumuri

- Inchiderea inelului de centura
- Realizarea inelului IV
- Amenajarea unei retele de piste pentru biciclisti

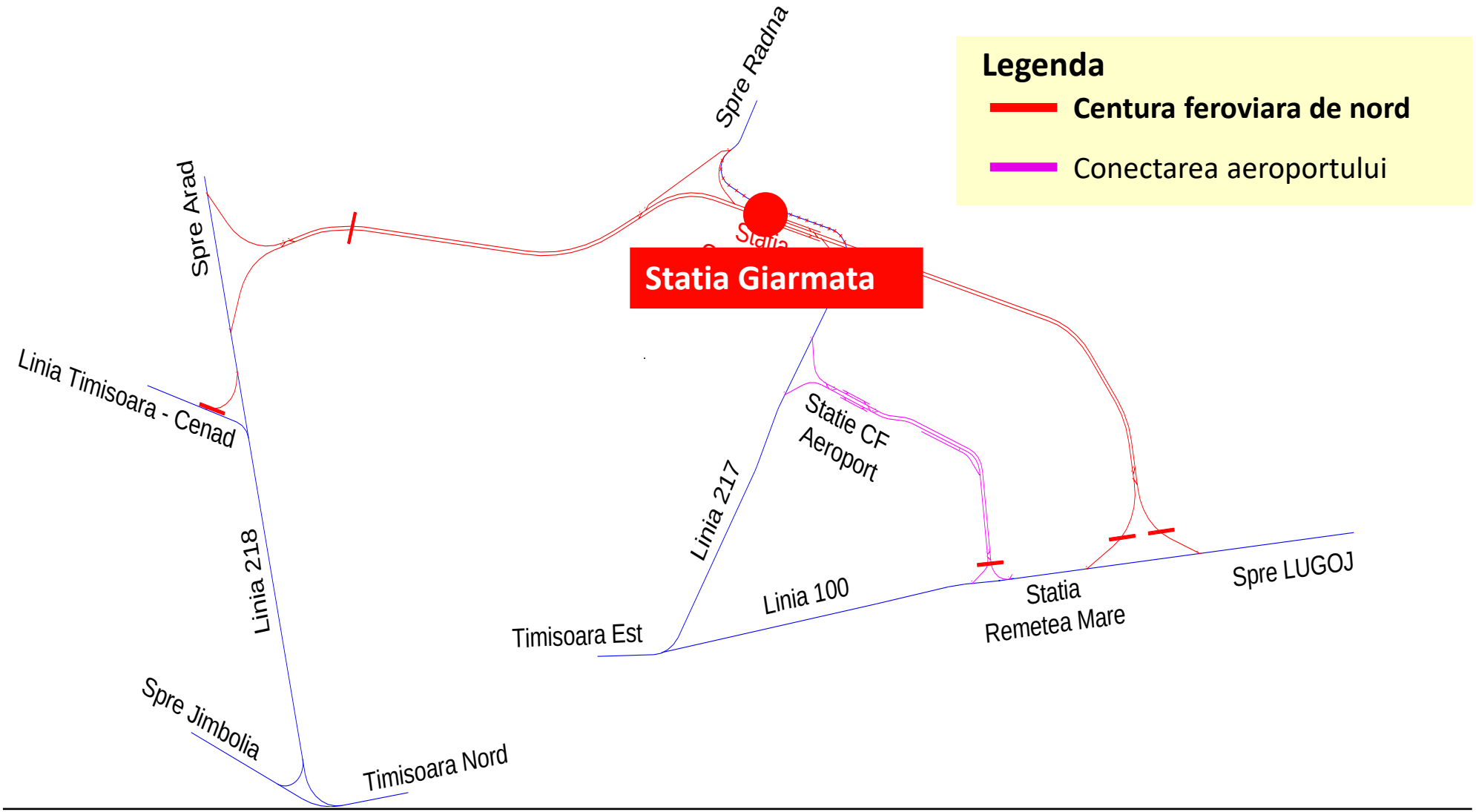
Transport public

- Conectarea optimizata cu transportul pe cale ferata si individual motorizat
- Implementarea unui sistem de management inteligent si integrat pentru trafic

Aeroport

- Conectarea aeroportului de reteaua feroviara
- Conectarea aeroportului de reteaua rutiera

Realizarea centurii feroviare si a legaturii cu aeroportul



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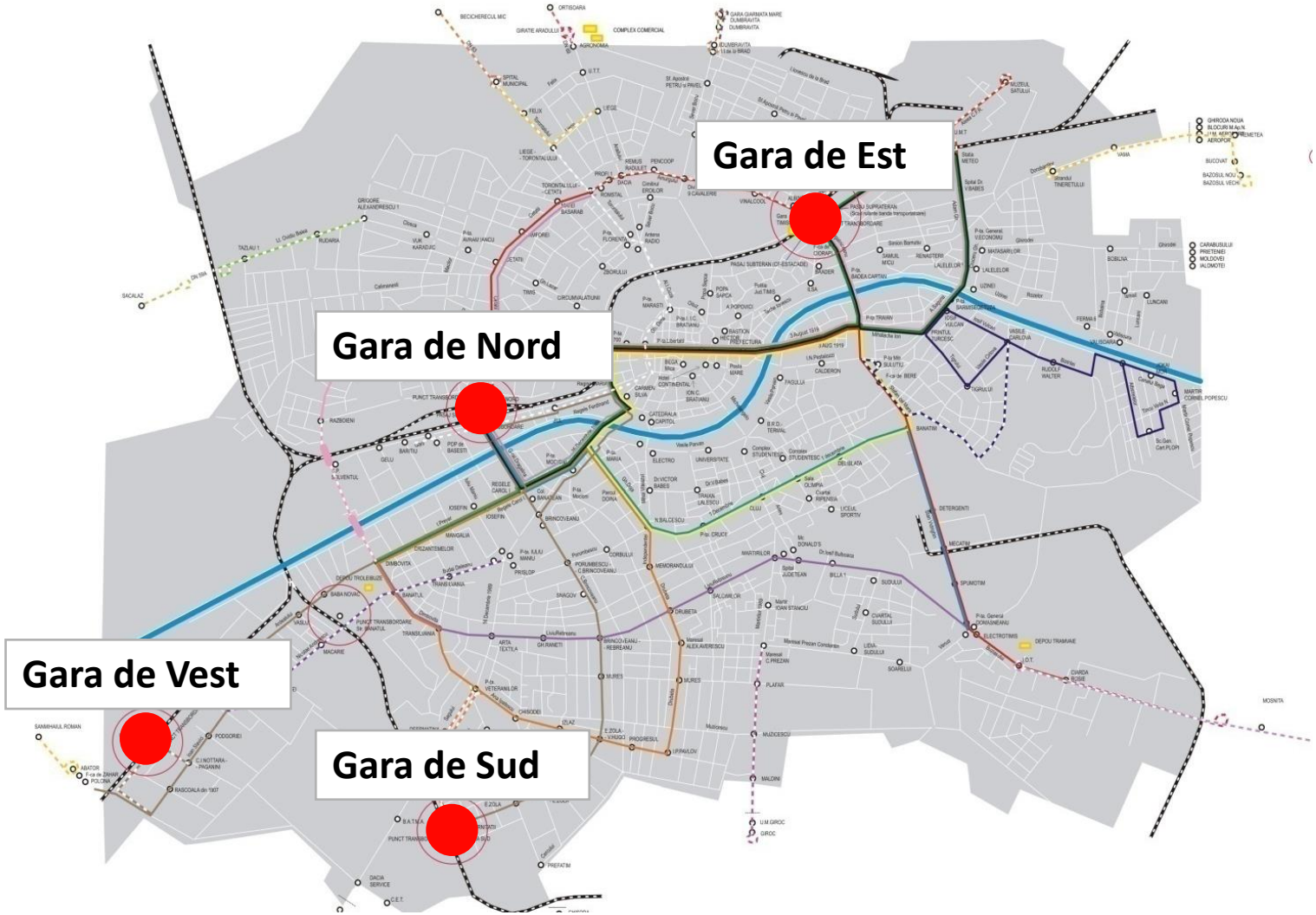
Modernizarea garilor



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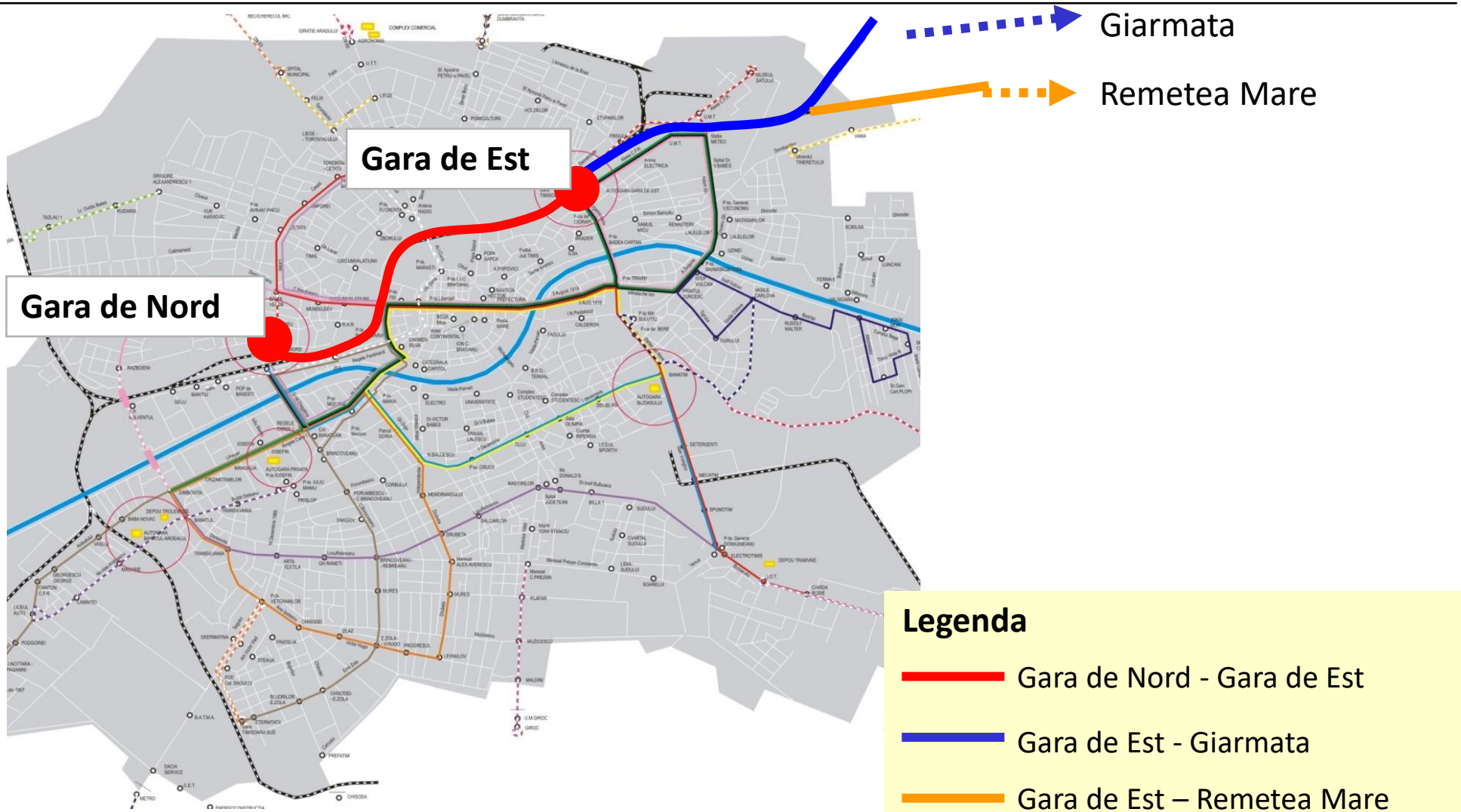
Traseul posibil al estacadei



Conectarea transportului public

Conectarea transportului public se realiseaza prin:

1. Modernizarea garilor CFR ca gari de transbordare
2. Amenajarea de autogari pentru traseele din intreaga zona metropolitana
3. Instalarea unui sistem de „park and ride“ in nodurile transportului public
4. Extinderea retelei de tramvai
5. Extinderea retelei de troleibuz
6. Extinderea retelei de autobuz
7. Valorificarea potentialului de trafic naval pe canalul Bega

Integrarea sistemului de management pentru trafic

Transport public

Sistemul integrat de trafic urban
include 4 subsisteme

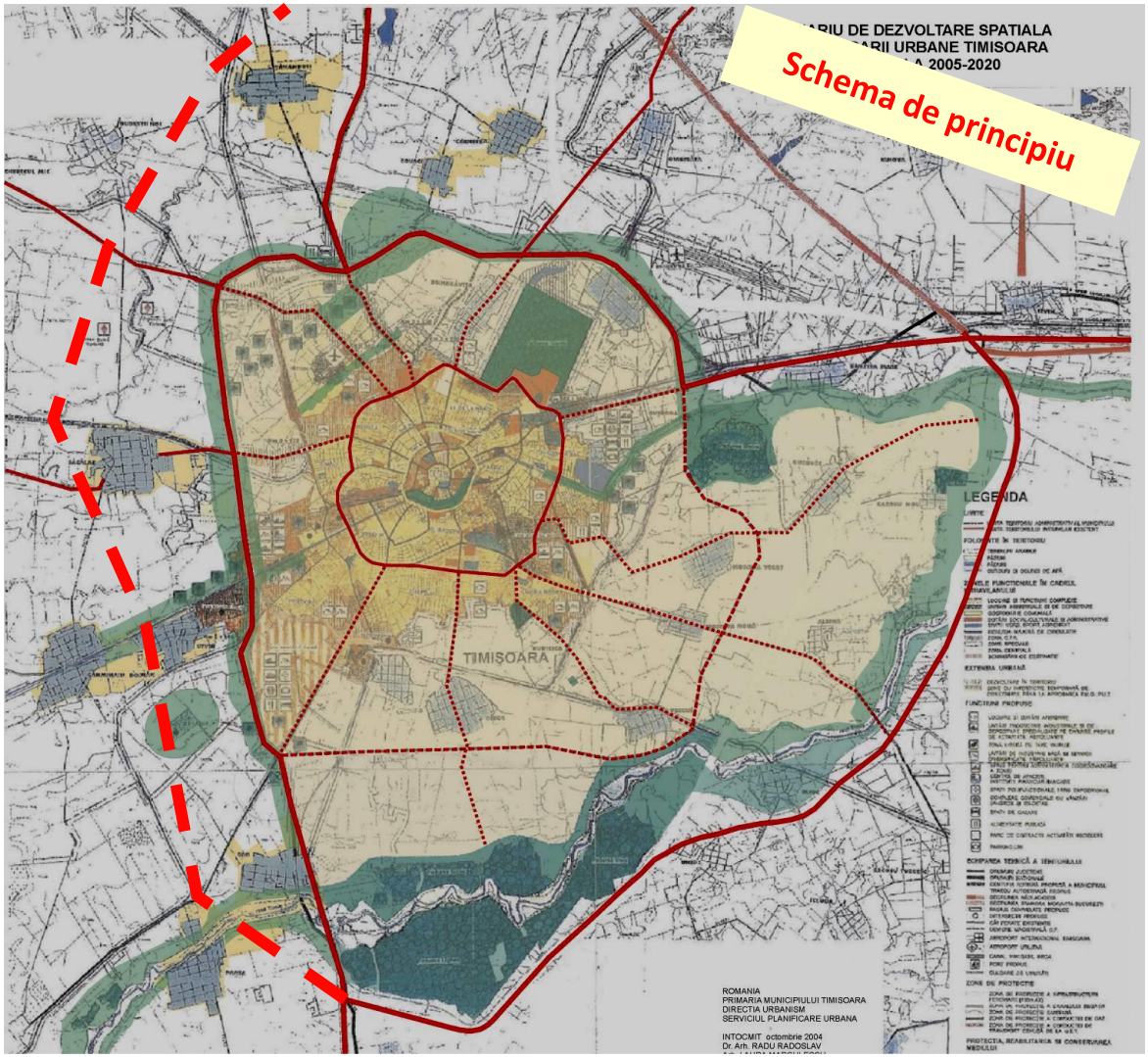
1. Sistem de control si management a traficului (UTMC)
2. Sistemul de localizare automata a vehiculelor de transport public (AVL)
3. Sistemul de management a parcului de vehicule de transport public (FMS)
4. Sistemul de informare in timp real a pasagerilor (RTPI sau ATIS)

Drumuri

Sistemul integrat de trafic rutier
include 6 subsisteme

1. Sistem pentru Controlul adaptiv al traficului (UTC)
2. Sistem de management a transportului public (PMT);
3. Sistem de management a parcărilor (MP)
4. Sistem de informare a călătorilor;
5. Sistem de comunicaţii rapid si precis
6. Centru de control (CC);

Traseul inelului de centura



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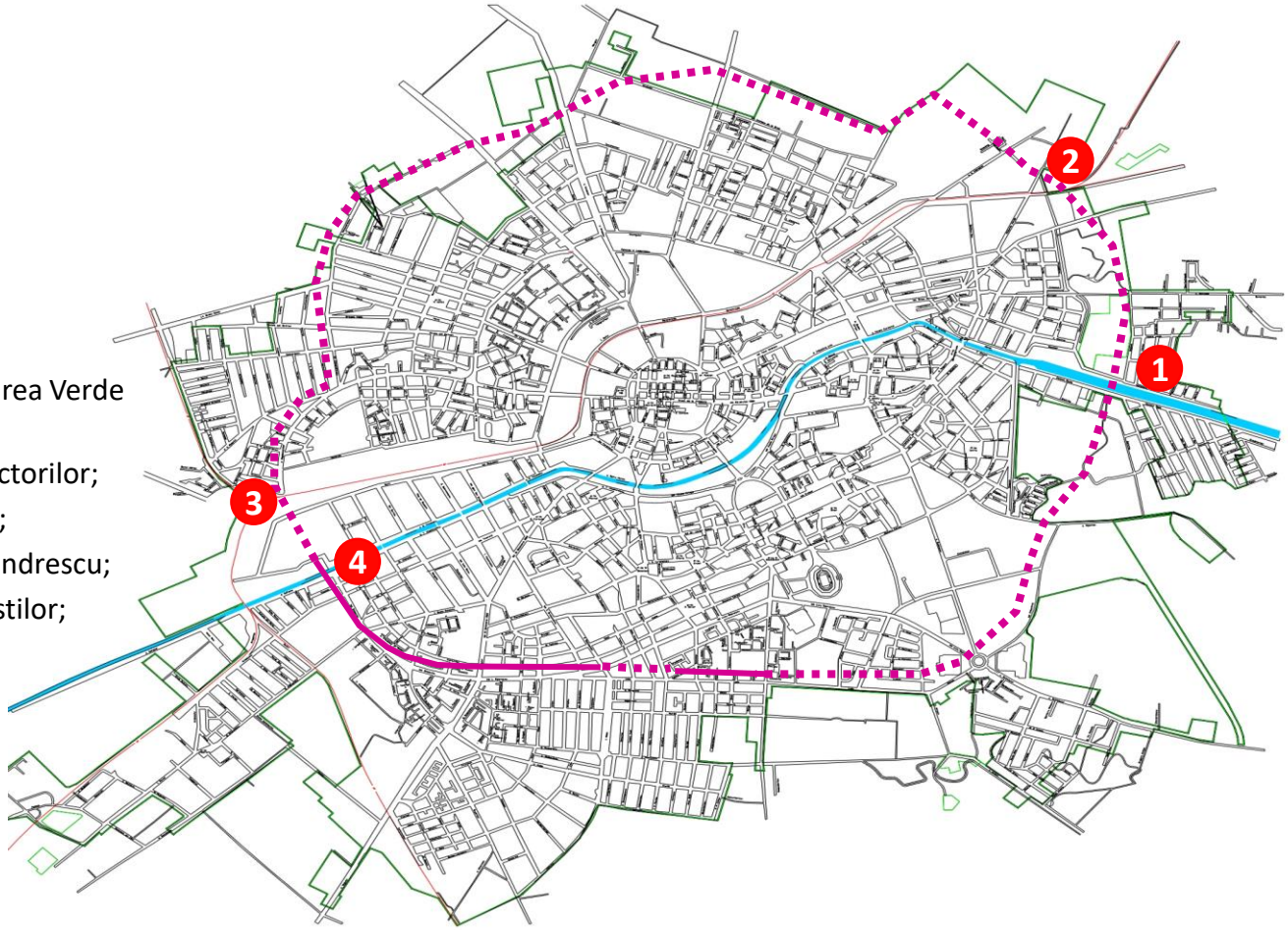
Traseul inelului 4

Traseu existent:

- Str. Dambovita;
- Bvd. L. Rebreanu;
- partial Str. Lidia;

Traseu de completat:

- Str. Lidia;
- Bvd. Industriei;
- Str. Bobalna;
- Liziera Padurea Verde (Motel);
- Aleea Padurea Verde;
- Str. Macin;
- Liziera Padurea Verde (U.M.T.);
- Str. Constructorilor;
- Str. Centura;
- Str. G. Alexandrescu;
- C. Bogdanestilor;
- Str. Nasaud;



Poduri si pasaje

1. Pod Bega(Str. Varasoaia);
2. Pasaj C.F.
3. Pasaj C.F.(Solventul);
4. Pod Bega;

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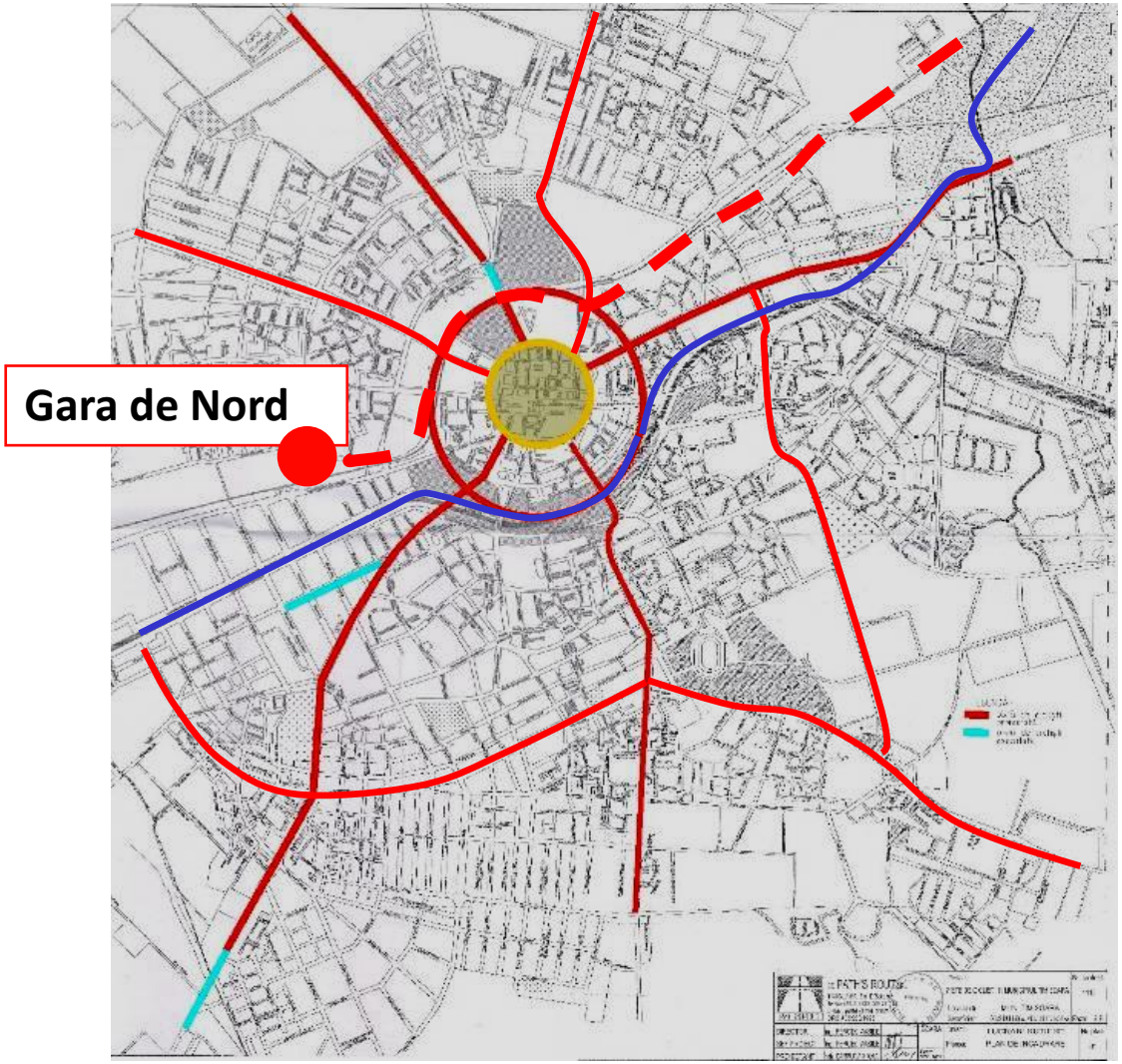
Retea de drumuri pentru biciclete



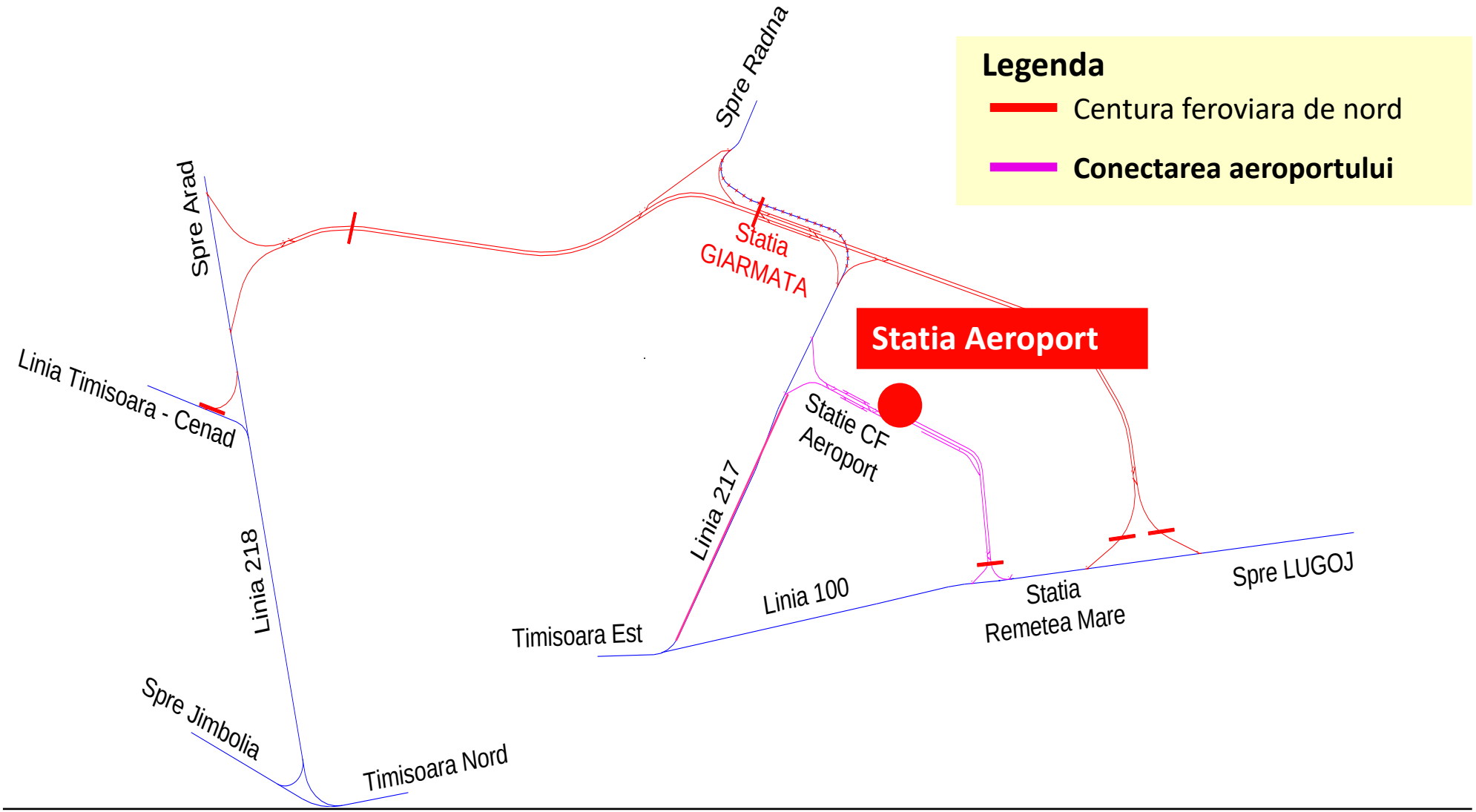
Primul traseu

Orasul vechi – canalul Bega – Padurea Verde

Legenda

- Canalul Bega – Padurea Verde
- Piste care se pot realiza in reteaua rutiera existenta
- Piste care se pot realiza dupa implementarea estacadei

Conectarea aeroportului de reteaua feroviara



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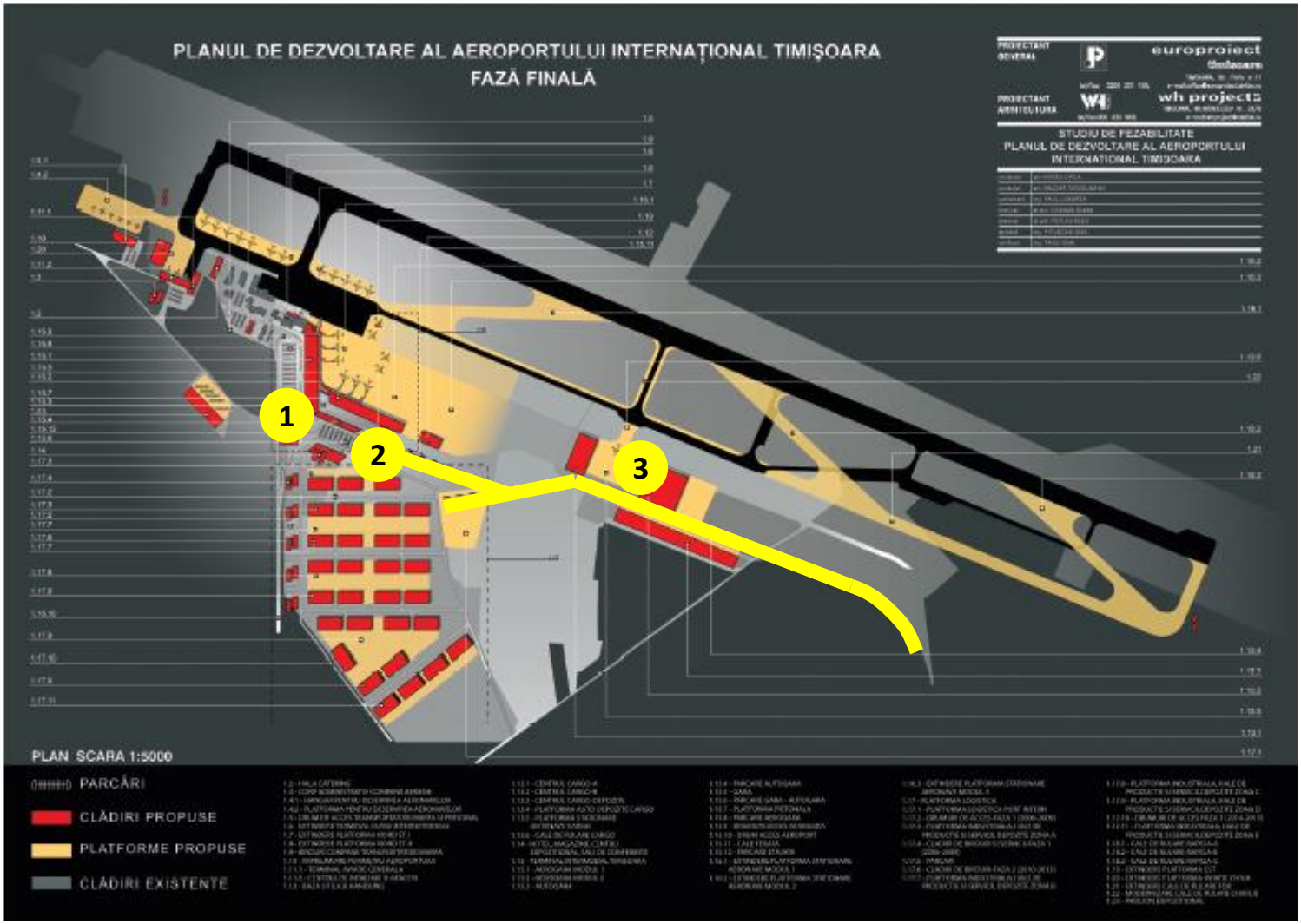
Aerogara – Autogara si Statii CF



Legenda

1. Autogara
2. Gara CFR - calatori
3. Gara CFR - marfa

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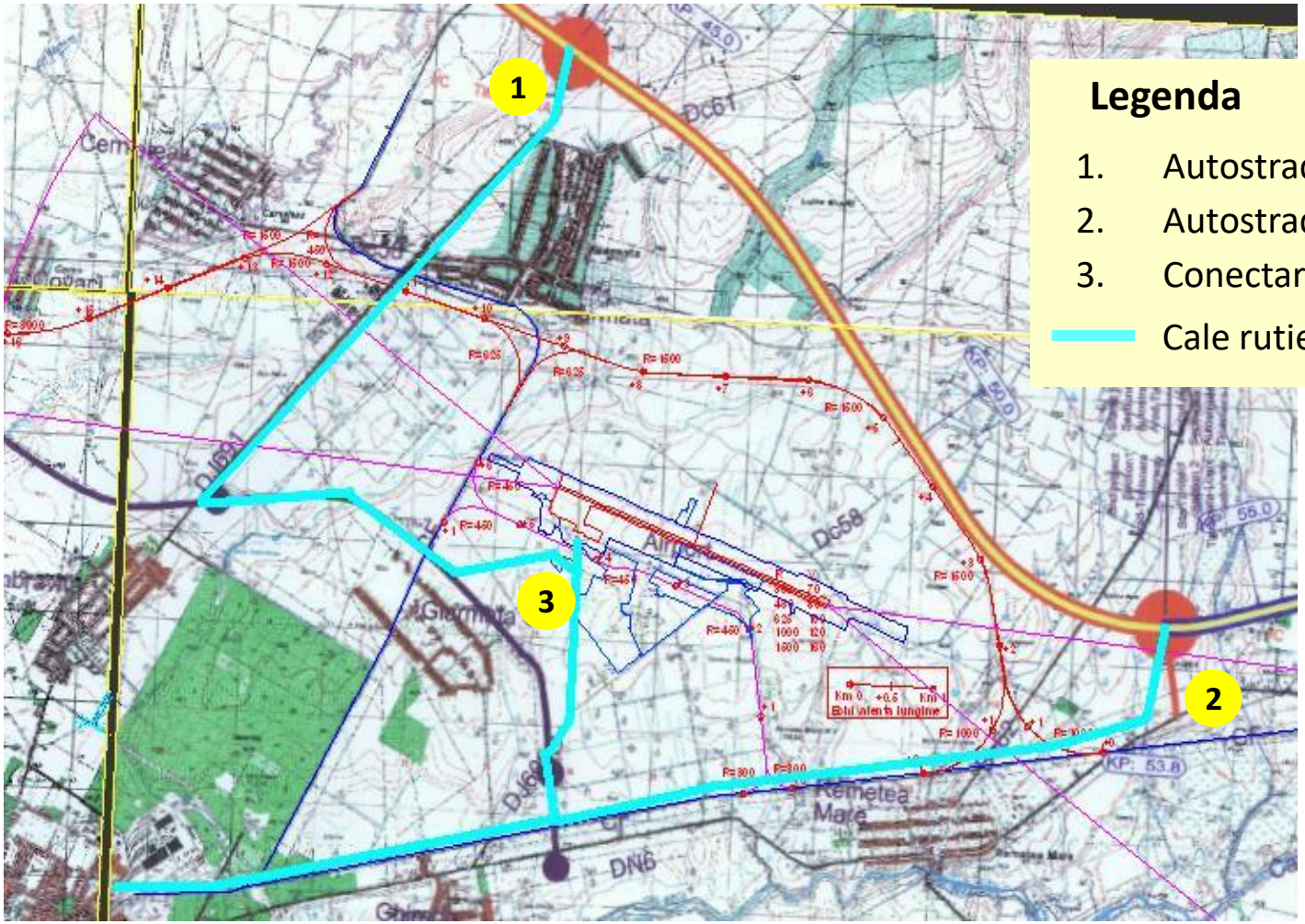
Conectarea aeroportului de reteaua rutiera



Legenda

1. Autostrada - Punct de descarcare
2. Autostrada - Punct de descarcare
3. Conectari rutiere aeroport

Cale rutiera de 4 benzi

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