



SECTIUNE LONGITUDINALA B-B / B-B LONGITUDINAL SECTION  
Sc. 1:100

VEDERE C-C / C-C VIEW  
Sc. 1:100

VEDERE PLANA A-A / A-A PLAN VIEW  
Sc. 1:100

30PV4-2018

Pavaj din bolovani de rau legati cu ciment, degradat  
Pavement from river boulder bonded by cement, degraded

Umplutura din praf argilos, cafeniu, in amestec cu pietris si piatra sparta, plastic consistenta  
Clayey dust filling, brownish, with gravel and crashing stone, plastic consistently

Argila prafoasa, cafeniu-cenusie, plastic consistenta - plastic varoasa  
Dusty clay, brownish-gray, plastic consistently - plastic stiff

Aripa monolita Cast-in-situ wing wall

Dala monolita Cast-in-situ slab

Aripa monolita Cast-in-situ wing wall

Scara Stair

ING. RAÇANEL IONUT RADU  
INGENIER

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT

PROIECTANT/ DESIGNER: Ing. Madalin Mutu

ASOCIEREA/ JOINT VENTURE: B & Acciona

PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTERĂ"

PROIECT TITLE/ WORKS TITLE: "MODERNIZATION OF THE RAILWAY BUCUREȘTI NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER"

NUME/NOME: Ing. Madalin Mutu

SPECIALTATE/ SPECIALITY: PODURI BRIDGES

DATA/DATE: 04.2018

SCARA/SCALE: 1:100

EXEMPLAR NR./ EXEMPLARY NO.: 1

COD PLAN/ CODIFICATION SYSTEM: RELEVU PODETI KM 55+563 CULVERT SURVEY KM 55+563

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NOTE:

I. Prezentul plan a fost realizat avand la baza urmatoarele date:

- date puse la dispozitie de Beneficiar;
- date culese de pe teren cu ocazia vizitarii obiectivului (masuratori, fotografii relevante, etc.);
- studiu topografic realizat in anul 2018;
- studiu geotehnic realizat in anul 2018;

Forajele geotehnice trecute pe plan sunt preluate din studiul geotehnic actual.

II. Constatari:

Conform datelor culese de pe teren se constata urmatoarele:

- cobutiri ale muchiilor, crapaturi, zone cu segregari ale betonului, zone de rugina si de carbonatari ca urmare a infiltratiei apei la cele doua culbi.
- zone umede, crapaturi, portii cu segregari ale betonului, zone de carbonatari ca urmare a infiltratiei apei la intradosul dalei;
- parapetii de protectie sunt usor degradati;
- degradarea arilor monolite (fisuri orizontale si verticale, zone cu segregari ale betonului, etc.);
- scarile existente pe taluzuri sunt necorespunzatoare, avand trepte dislocate si degradate, lipsesc parapetele de siguranta;
- albia prezinta o usoara colimatare in amonte si aval.

III. Anul constructiei: 1966

NOTE:

I. The present drawing was drafted based on the following data:

- data provided by the Beneficiary;
- data collected on site with the occasion of visiting the objective (measurements, relevant pictures, etc.);
- topographic study realised in 2018;
- geotechnical study realised in 2018;

The geotechnical drilling presented on this drawing is taken from the actual geotechnical study.

II. In-situ findings:

According to the data collected on site we acknowledge the following:

- cracks of the edges, cracks, concrete segregated areas, the rust and the carbonation areas at the abutments as a result of water infiltration.
- the wet areas, cracks, concrete segregated areas, the carbonation areas at the soffit of the deck as a result of water infiltration;
- the pedestrian guardrail are easy damaged;
- the cast-in-situ wing-walls easy damaged (with horizontale and vertical crack, concrete segregated areas, etc.);
- the stairs on the backfill are worst, with moved and degraded steps, the pedestrian guardrail are missing;
- upstream and downstream the river bed have a soft mudding.

III. Construction year: 1966