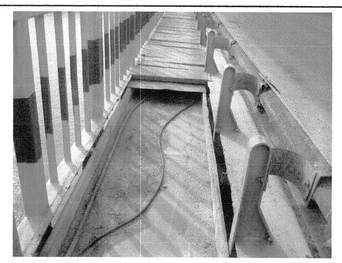
# INTERVENTION WORK: A5- WALKWAY SLAB SUBSTITUTION

The item covers the following activities:
- dismantling of the existing walkway slab;
- loading and transport of the material resulting from the demolition to an approved dump area;
- procurement, transport,storage and handling of all related materials and equipment;
- laying the walkway slabs;
- verifications after execution in accordance to the design;
- sampling and laboratory testing.

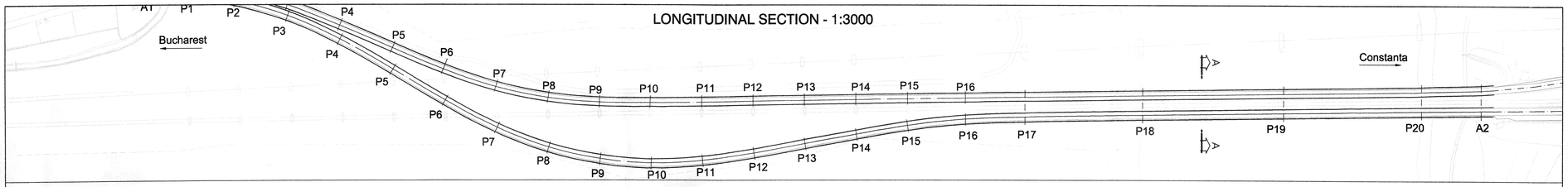
# DETERIORATION:



*Lack of walkway metallic slabs*

IVANESCU T. TOMA
ROMANIA
MLPAT DGLA
NR. 445
INGINER
VERIFICATOR PROIECTE

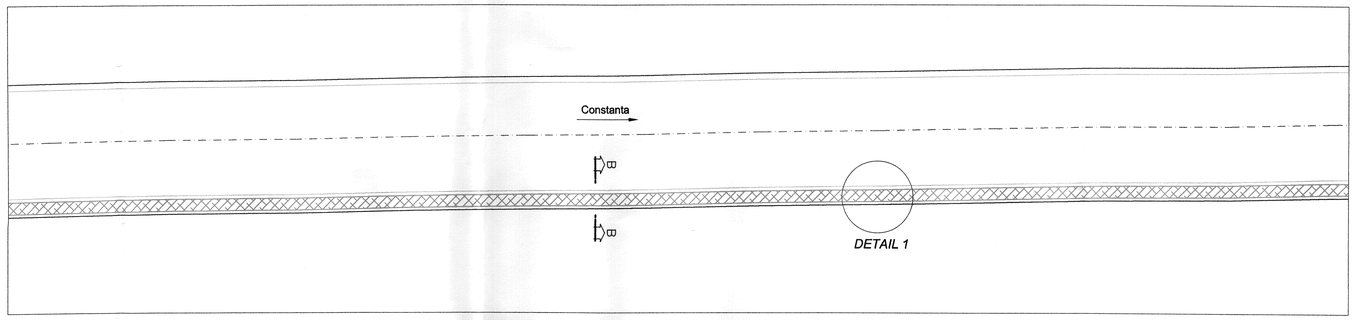
## GENERAL VIEWS



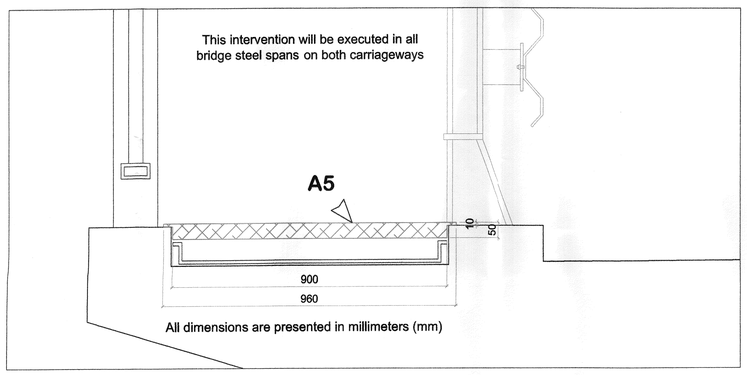

## WORKING CODE LIST

| CODE | MAINTENANCE AND REHABILITATION WORKS | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | ROAD FINISHES AND EQUIPMENT | | | | | | | | | | |
| A1 | Painting of pedestrian parapet | | | | | | | | | | |
| A2 | Replacement of pedestrian parapet | | | | | | | | | | |
| A3 | Guard rail replacement | | | | | | | | | | |
| A4 | Electrical equipment replacement | | | | | | | | | | |
| A5 | Walkway slab substitution | | | | | | | ■ | | | |
| | PAVEMENTS | | | | | | | | | | |
| B1 | Roadway pavement and waterproofing replacement | | | | | | | | | | |
| B2 | Roadway superficial drainage rehabilitation | | | | | | | | | | |
| B3 | Walkway pavement replacement | | | | | | | | | | |
| B4 | Expansion joints replacement | | | | | | | | | | |
| B5 | Bearings replacement | | | | | | | | | | |
| | CONCRETE REPAIR | | | | | | | | | | |
| C1 | Deck slab repair | | | | | | | | | | |
| C2 | Prestressed concrete beams repair | | | | | | | | | | |
| C3 | Pier caps concrete repair | | | | | | | | | | |
| C4 | Piers concrete repair | | | | | | | | | | |
| C5 | Tower leg concrete repair | | | | | | | | | | |
| C6 | Structural strengthening | | | | | | | | | | |
| C7 | Superstructure replacement | | | | | | | | | | |
| | STEEL WORKS | | | | | | | | | | |
| D1 | Painting of steel structures | | | | | | | | | | |
| D2 | Stay cables maintenance | | | | | | | | | | |
| D3 | Strengthen of anchor bolts | | | | | | | | | | |
| D4 | Rehabilitation of inspection gantry and rails | | | | | | | | | | |
| | EARTHWORKS | | | | | | | | | | |
| E1 | Ashlar stoneworks repair | | | | | | | | | | |
| E2 | Repair of strutture connection with embankment | | | | | | | | | | |
| E3 | Cone quarters rehabilitation | | | | | | | | | | |
| E4 | Rehabilitation of storm water collecting system | | | | | | | | | | |
| E5 | River bank improvement | | | | | | | | | | |

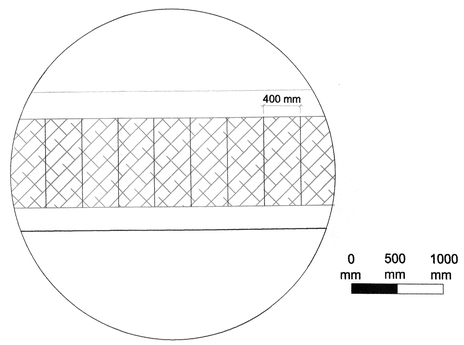
## INTERVENTION DETAILS




PLAN WITH BRIDGE WALKWAY METALLIC SLABS LOCATION - 1:250




INTERVENTION ON BRIDGE WALKWAY SLAB - SECTION B-B - 1:10




INTERVENTION ON BRIDGE WALKWAY SLAB - DETAIL 1

INVESTOR/INVESTITOR

ROMANIAN NATIONAL COMPANY OF MOTORWAYS AND NATIONAL ROADS
COMPANIA NATIONALA DE AUTOSTRAZI SI DRUMURI NATIONALE DIN ROMANIA

DESIGNER/PROIECTANT

LOUIS BERGER GROUP inc.

CONSULTING SERVICES FOR DESIGN AND WORKS SUPERVISION OF 10 BRIDGES IN DOBROGEA AREA

TECHNICAL DESIGN

B07-BRIDGE A2 CERNAVODA

TD - B07 - 04

DESIGN TEAM LEADER
Vittorio Ascoli Marchetti

ROAD FINISHES AND EQUIPMENT

CONSULTANTS
SOLIDUS s.r.l. - Roma Italia
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Romano Tucci

A5
WALKWAY SLAB SUBSTITUTION

| scale | various | file name TD - B07 - 04 | | | | |
|---|---|---|---|---|---|---|
| data / date | rev. | revision title | des | ver/chk | CP / PC | APPR. AUTHORITY |
| 08 aug 2008 | 0 | issue | SOLIDUS | ASCOLI | | |