bridging the
bulevar

TRANSFORMING THE FORMER
FRONTLINE IN MOSTAR, BY USING
THE EXISTING NETWORK OF
PUBLIC SPACE IN THE CITY

Tülay Zivali
Master Graduation Project
P5 Presentation
PART A INTRODUCTION
PART B RESEARCH
PART C DESIGN
PART D CONCLUSIONS
Mostar
Research Question

HOW TO CREATE A NEW LAYER OF PUBLIC SPACE IN THE CITY, BY UPGRADING THE EXISTING SOCIO-SPATIAL PATTERNS, TO CREATE NEW CONDITIONS TO BRIDGE THE BULEVAR?
Aim

ACTIVATION OF THE **DIVIDED HALVES** OF THE CITY AND USE THE **BULEVAR** AS A CATALYST BY IMPROVING THE **EXISTING PUBLIC SPACE**
Sub Questions

- **RQ 1**: What causes the division in the city?
- **RQ 2**: What are the use patterns of the city?
- **RQ 3**: What does public space mean in the city and which design patterns are essential to create these public spaces?
- **RQ 4**: How can these patterns been translated into a design to bridge the division line?
## Sub Questions

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How to create a new layer of public space in the city, by upgrading the existing socio-spatial patterns, to creating new conditions to bridge the Bulevar?

Gain background information, understanding the division line and the causes of the division (RQ 1).

Review the city and gain users data, movement of people and determine the successful places (RQ 2).

Relevant theory study about public space

Set up design criteria

Test the determined successful public space by using the design criteria and give a meaning of public space within this context (RQ 3).

Determine interventions areas and make a design for it by using the design criteria (RQ 4)

Reflection on the work, answer the research question.
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LITERATURE RESEARCH

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What causes the division in the city?

**Political Division**

**Spatial Division**

**Social Division**

**Methodological Division**

ONE CITY

DIVIDED CITY

TWO CITIES

INTRODUCTION

RESEARCH

DESIGN

CONCLUSION
What causes the division in the city?

'FIRST, IT WAS A PHYSICAL WAR DIVISION LINE, A FRONT LINE, AND NOW, IT IS NOT A BORDER IN A PHYSICAL SENSE BUT IS A BORDER IN A PSYCHOLOGICAL SENSE. IT IS A PSYCHOLOGICAL BARRIER: SOMETHING WHICH IS ALWAYS IN ONE'S MIND. IN OTHER WORDS, EACH CROSSING OF THE BULEVAR REFRESHES ONE'S MEMORY’

(Calame & Charleswood 2009, p.117)
What are the use patterns of the city?

- Green and Water Structure
- Land Use
- Network of Roads and Nodes
- Bridges over the Neretva
- Footpaths and Cycleways
- Morphology
- Public Interests and Active Frontages
Conclusions city analysis

RIVER AS DIVIDER
Conclusions city analysis

RIVER AS DIVIDER

NORTH-SOUTH CONNECTION STRONG
EAST-WEST CONNECTION LESS CRUCIAL
Conclusions city analysis

RIVER AS DIVIDER

NORTH-SOUTH CONNECTION STRONG
EAST-WEST CONNECTION LESS CRUCIAL

WEST POLYCENTRIC
EAST MONOCETRIC
Interviews

45 PARTICIPANTS;
  15 IN WEST (A)
  15 IN MID (B)
  15 IN EAST (C)

QUESTIONS;
  WHERE DO YOU GO DAILY?
  WHERE DO YOU GO WEEKLY?
  WHERE DO YOU GO MONTHLY?
  WHERE DO YOU GO YEARLY?
  MEETINGPOINTS?
Use Pattern of West

PATTERNS IN WEST

PATTERNS IN MID

PATTERNS IN EAST
Findings

- 100% OF THE PARTICIPANTS USE THE OLD BRIDGE AREA

- EAST-WEST CONNECTION IS MAINLY VIA THE SPANISH SQUARE

- PARTICIPANTS AT WEST USE THE WHOLE CITY, WHILE THE PARTICIPANTS AT EAST MAINLY STAY AT EAST
Meetingpoints
Quality Criteria Of Successful Spaces

- Comfort & Image
- Accessibility & Linkages
- Sociability
- Uses & Activities
**Comfort & Image**

- **Braço Fojica Street**
- **Old Bridge**
- **Rende**
- **Musaio Square**
- **Spanish Square**

**Accessibility & Linkages**

- **Activities & Uses**

**Sociability**
Public space in Mostar

PROMOTION OF HUMAN CONTACT AND SOCIAL ACTIVITY

REFLECTION OF THE LOCAL CULTURE OR/AND HISTORY

CENTRALITY
Public space in Mostar

PROMOTION OF HUMAN CONTACT AND SOCIAL ACTIVITY

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CENTRALITY

MAINTENANCE
Pattern Catalogue

1. LEGIBLE PUBLIC SPACE
2. RECREATE THE GREEN DIVIDER
3. LANDSCAPE CONNECTION
4. INFORMAL MEETINGS
5. DEGREE OF PUBLICNESS
6. ACTIVITY POCKETS
7. BUILDING BLOCK GARDENS
8. REACTIVATION OF DAMAGED URBAN FABRIC
9. COMBINED LIVING-WORKING
10. ATTRACTIVE PUBLIC SPACE
11. UTILIZING EXISTING QUALITY
12. ACCESSIBLE PUBLIC TRANSPORT
13. SLOW TRAFFIC NETWORK
14. SPACE FOR SIDEWALKS
15. YOUTH PROGRAM
16. CHILDREN’S PLAYGROUND
17. LANDMARKS
18. PLEASANT PARKING
19. LIVING WALL
20. SOCIAL STREET
21. SAFE PARKS
22. RECOGNITION OF PUBLIC SPACE
23. GRAFFITI AS ART
24. COFFEE CONNECTS
25. PUBLIC MEETING POINTS
26. ORIENTATION
27. WALKABLE DISTANCE
28. SAFETY FROM CRIME
29. SAFETY AT NIGHT
30. PUBLIC ARTS
31. OUTDOOR SPORTS
32. ENCLOSURE
33. BICYCLE NETWORK
2. RECREATE GREEN DIVIDER

**Statement:**

Title: the name of the pattern is named by the thing created by the pattern, the process of creating it or some attribute of the solution.

Statement: one or two sentences that summarize the problem solved by the pattern.

**Classification:**

Category the fields that the pattern is related with.

Clarification: background information about the pattern and relation with the context.

Relation: it ties the pattern to all the related patterns that round out this one.

Resources: references that are used for the pattern.

**Solution:**

How to solve the problem.

Solution drawing (if applicable): a simple drawing of the current situation and proposed future situation.

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Picture which shows an archetypical example of the pattern. All pictures are real situations in Posnan.

The river flowing through the city. (River view, 2021)
City Plan Mostar

- IMPROVING THE ACCESSIBILITY ON REGIONAL SCALE

- CONNECTING CENTRAL FACILITIES WITH EACH OTHER

- IMPROVING THE EXISTING QUALITY OF THE PUBLIC SPACE
City Plan Mostar

- IMPROVING THE ACCESSIBILITY ON REGIONAL SCALE

- CONNECTING CENTRAL FACILITIES WITH EACH OTHER

- IMPROVING THE EXISTING QUALITY OF THE PUBLIC SPACE

- FOCUS ON THE EAST-WEST CONNECTION
  - IN ORDER TO BRING PEOPLE TOGETHER
Concept City Plan Mostar
Concept City Plan Mostar

NETWORK OF LIGHTRAIL CONNECTION

LAYER OF SPHERES

LAYER OF STRATEGIC NODES
City Plan Mostar
Network of Lighttrail Connection
Network of Lightrail Connection

CURRENT SITUATION BULEVAR A-A'

CURRENT SITUATION MARSALA TITA B-B'

PROPOSED SITUATION BULEVAR A-A'

PROPOSED SITUATION MARSALA TITA B-B'

INTRODUCTION

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DESIGN

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Network of Lighttrail Connection
Network of Light Rail Connection
Network of Lightrail Connection

- Reactivation of Damaged Urban Fabric
- Space for Publicness
- Slow Traffic Network
- Coffee Connect

PROPOSED SITUATION MARSALA TITA
Layer of Spheres
Green Axis

- Landscape connection
- Graffiti as art
- Children playground
- Reactivation of damaged urban fabric
- Safe parks
- Safety from crime
- Pleasant parking
Green Axis
Green Axis
Green Axis
Green Axis

GREEN AXIS B-B'
Green Axis

13 SLOW TRAFFIC NETWORK
3 LANDSCAPE CONNECTION
8 REACTIVATION OF DAMAGED URBAN FABRIC
Green Axis | Rondo

CURRENT SITUATION RONDO – GREEN AXIS
Green Axis | Rondo

PROPOSED SITUATION RONDO – GREEN AXIS
Secret Axis

- Safety at night
- Pleasant waterfront
- Social street
- Recognition of public space
Secret Axis
Secret Axis
Secret Axis | Fejica Street
Secret Axis | Fejica Street
Secret Axis | Fejica Street

COMBINED LIVING WORKING

DEGREE OF PUBLICNESS

SOCIAL STREET

RECOGNITION OF PUBLIC SPACE

PROPOSED SITUATION FEJICA STREET
Secret Axis | Fejica waterfront

CURRENT SITUATION WATERFRONT – SECRET AXIS
Secret Axis | Fejica waterfront

PROPOSED SITUATION WATERFRONT – SECRET AXIS
Secret Axis | Fejica Waterfront
Secret Axis | Fejica Waterfront

PROPOSED SITUATION FEJICA WATERFRONT
Secret Axis | Fejica Waterfront

ACCESSIBLE PUBLIC SPACE

UTILIZING EXISTING QUALITY

RECREATE THE GREEN DIVIDER

OUTDOOR SPORTS

PROPOSED SITUATION FEJICA WATERFRONT
Bulevar
Bulevar

PROPOSED SITUATION BULEVAR
Bulevar
Bulevar
Bulevar

REACTIVATION OF DAMAGED URBAN FABRIC

COFFEE CONNECTS

SLOW TRAFFIC NETWORK

SPACE FOR SIDEWALKS

BICYCLE NETWORK

PROPOSED SITUATION BULEVAR
Fast Axis
HOW TO CREATE A NEW LAYER OF PUBLIC SPACE IN THE CITY, BY UPGRADING THE EXISTING SOCIO-SPATIAL PATTERNS, TO CREATE NEW CONDITIONS TO BRIDGE THE BULEVAR?

UNDERSTANDING THE CAUSES OF DIVISION

CITY ANALYSIS

DATA ANALYSIS INTERVIEWS USE BY PEOPLE

CREATING A PATTERN CATALOGUE

PROPOSAL CITY PLAN MOSTAR
HOW TO CREATE A NEW LAYER OF PUBLIC SPACE IN THE CITY, BY UPGRADING THE EXISTING SOCIO-SPATIAL PATTERNS, TO CREATE NEW CONDITIONS TO BRIDGE THE BULEVAR?