

Middle European Planning Seminar 2013 – Feldkirch

TASK 1

Rearranging of the area around the state road
„Schlossgraben“



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Area of intervention



 City Center

 Parking

 Park&Ride



Area of intervention



-  City Center
-  Parking
-  Park&Ride
-  Offices & Parking Lot
-  Residential Houses

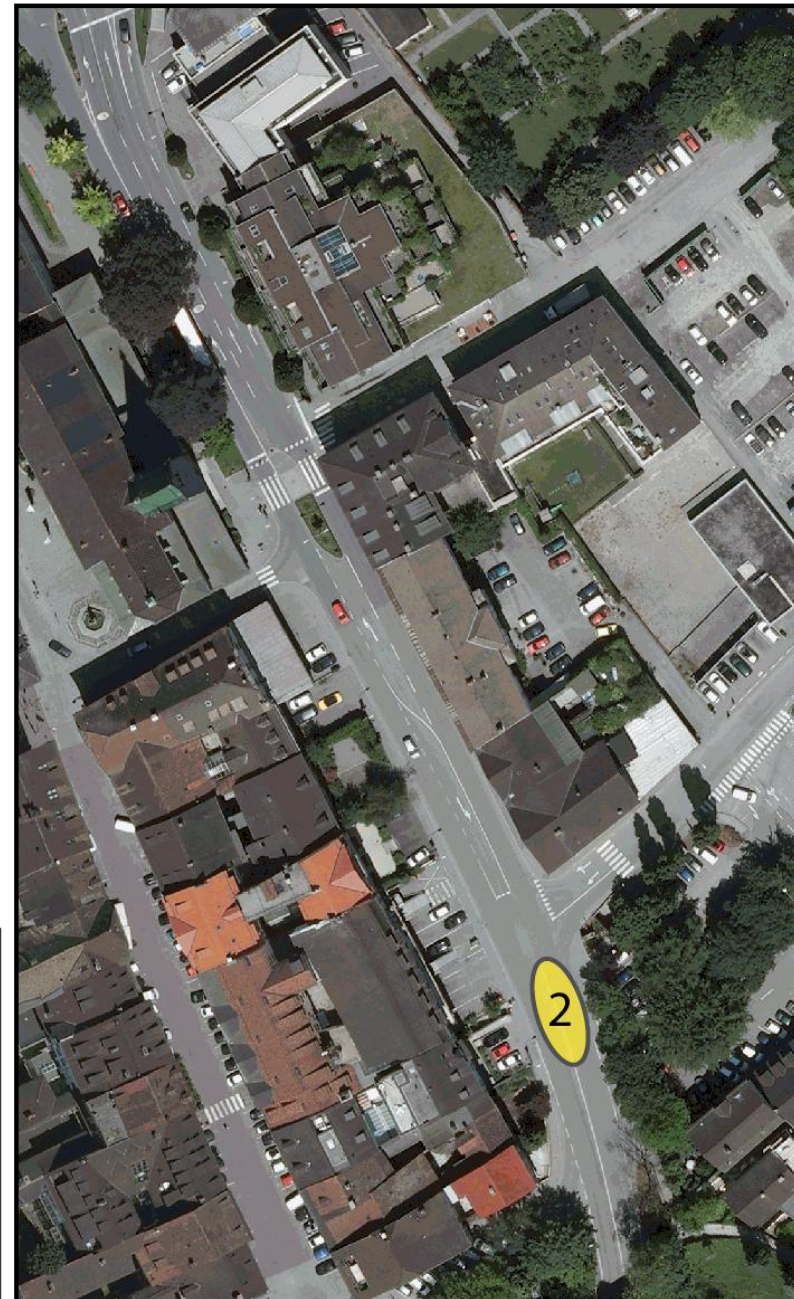


Bus Stop:
Less space for waiting
passengers

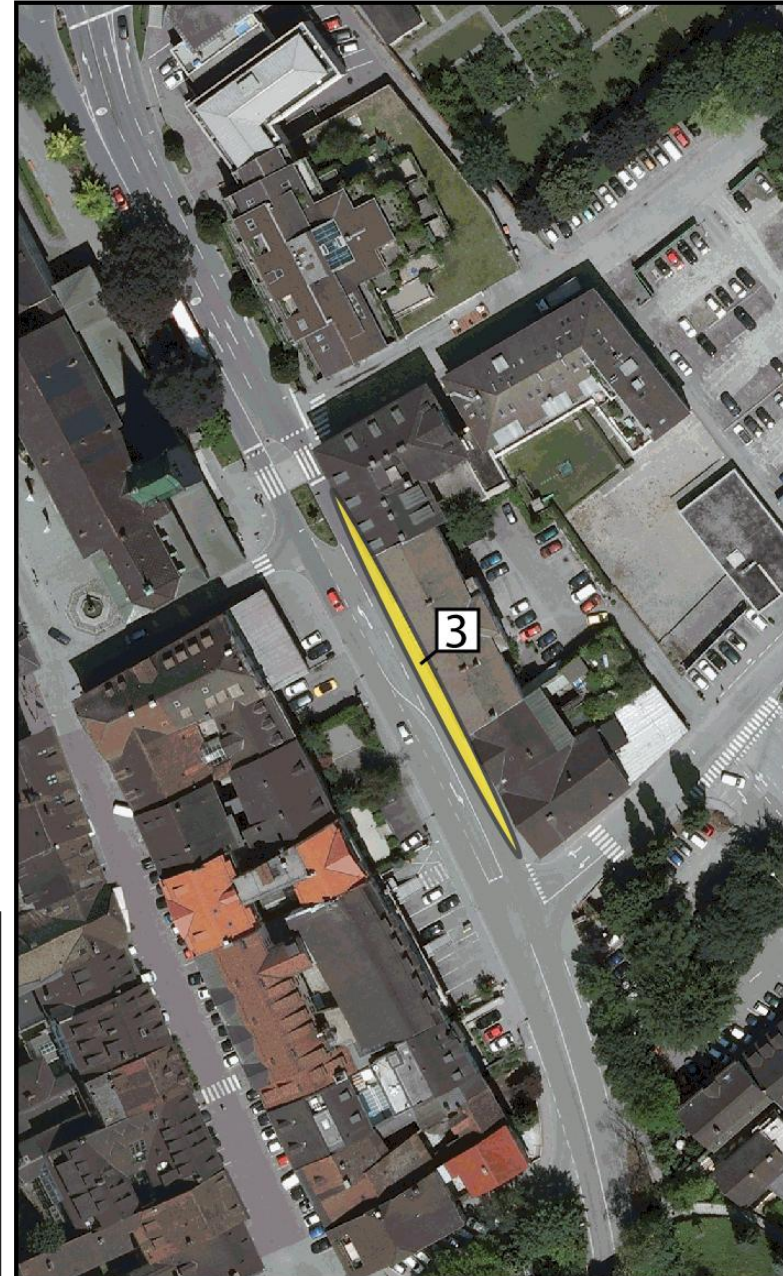


Intersection Schlossgraben - Wichnergasse:

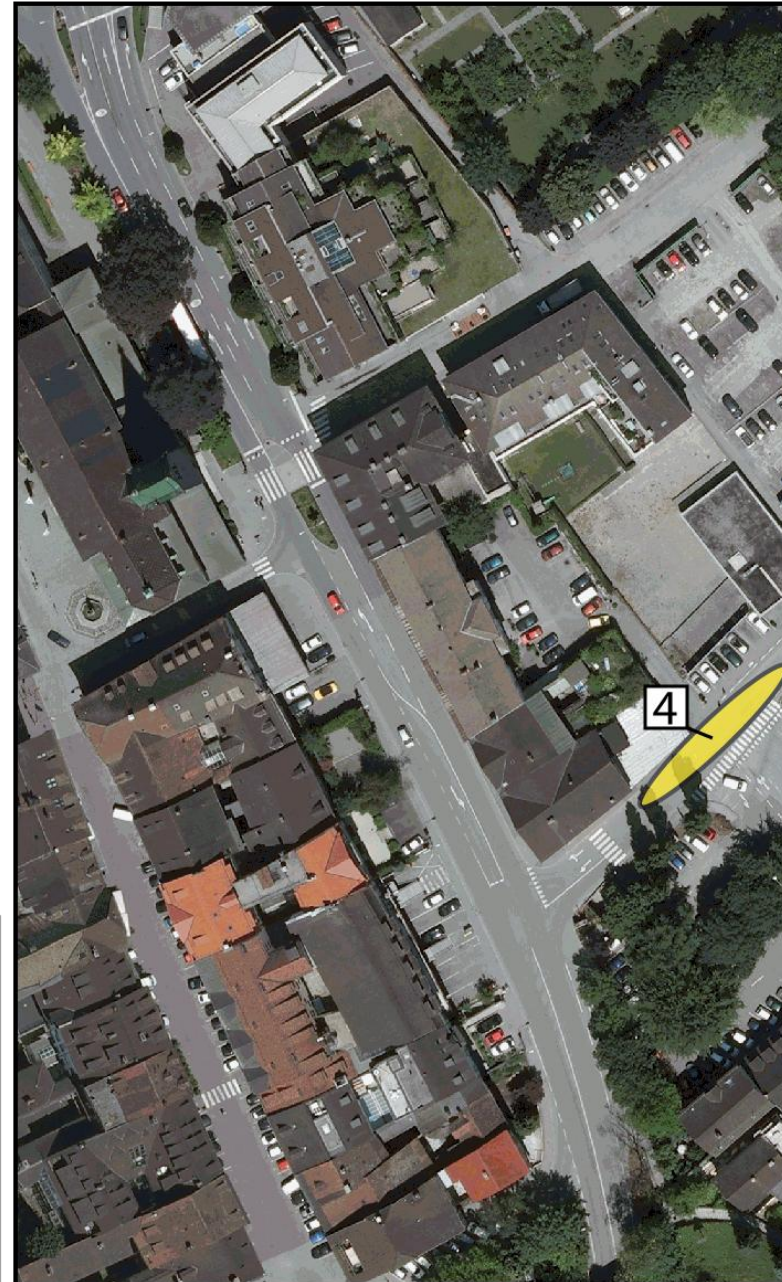
No crossing possibility for
pedestrians and cyclists on
the street level



Narrow Sidewalk:
narrow sidewalk for
pedestrians,
unattractive public space



Wichnergasse:
important axis from city
center to railway station for
pedestrians and cyclists,
crosswalks are not used
frequently

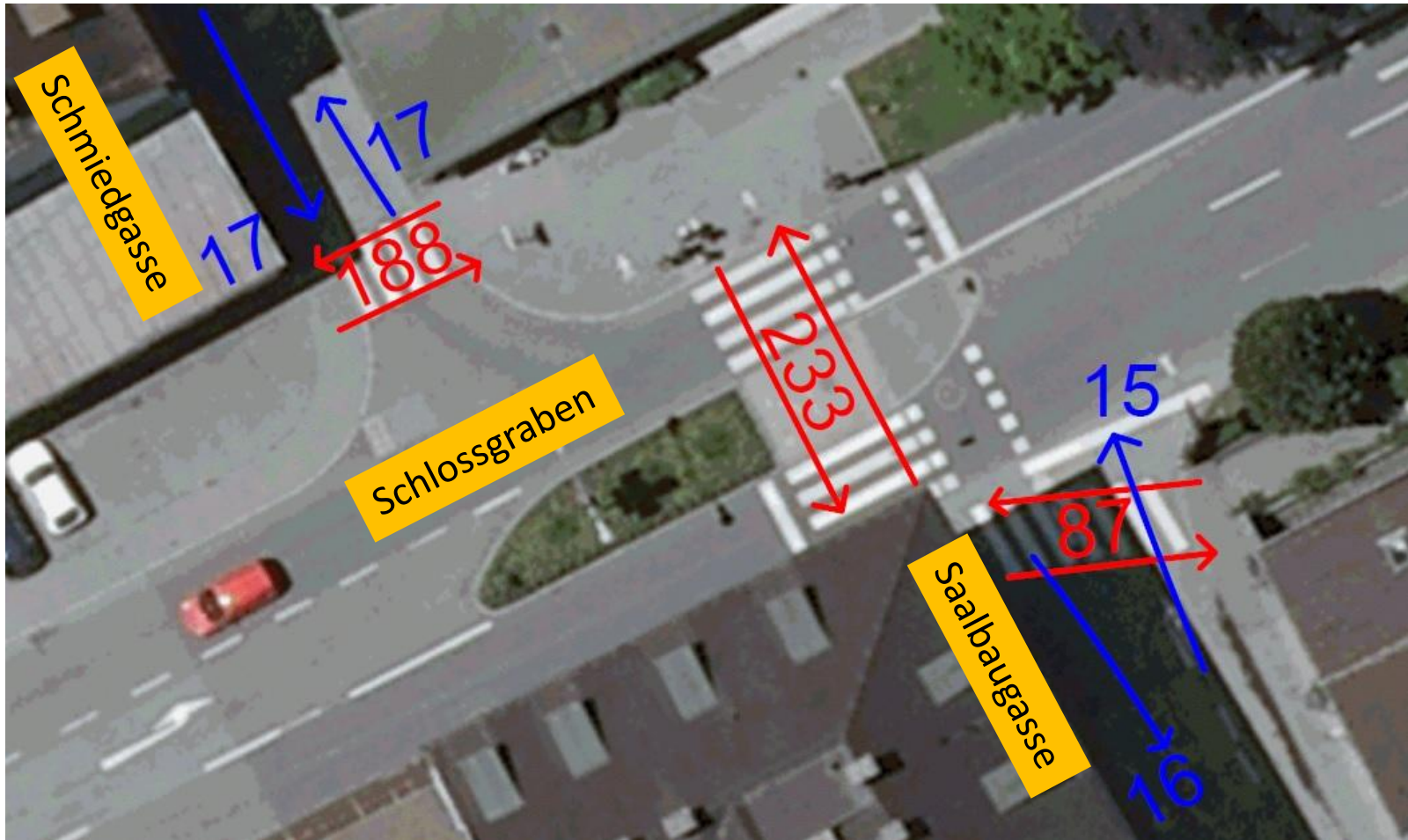


Objectives

1. Speed reduction / increase traffic resistance
2. Promotion of bicycle traffic on and around Schlossgraben
3. Improvement of the crossing possibilities for pedestrians and bicyclists
4. Improvement underpass James-Joyce-Passage
5. Quality improvement of public space

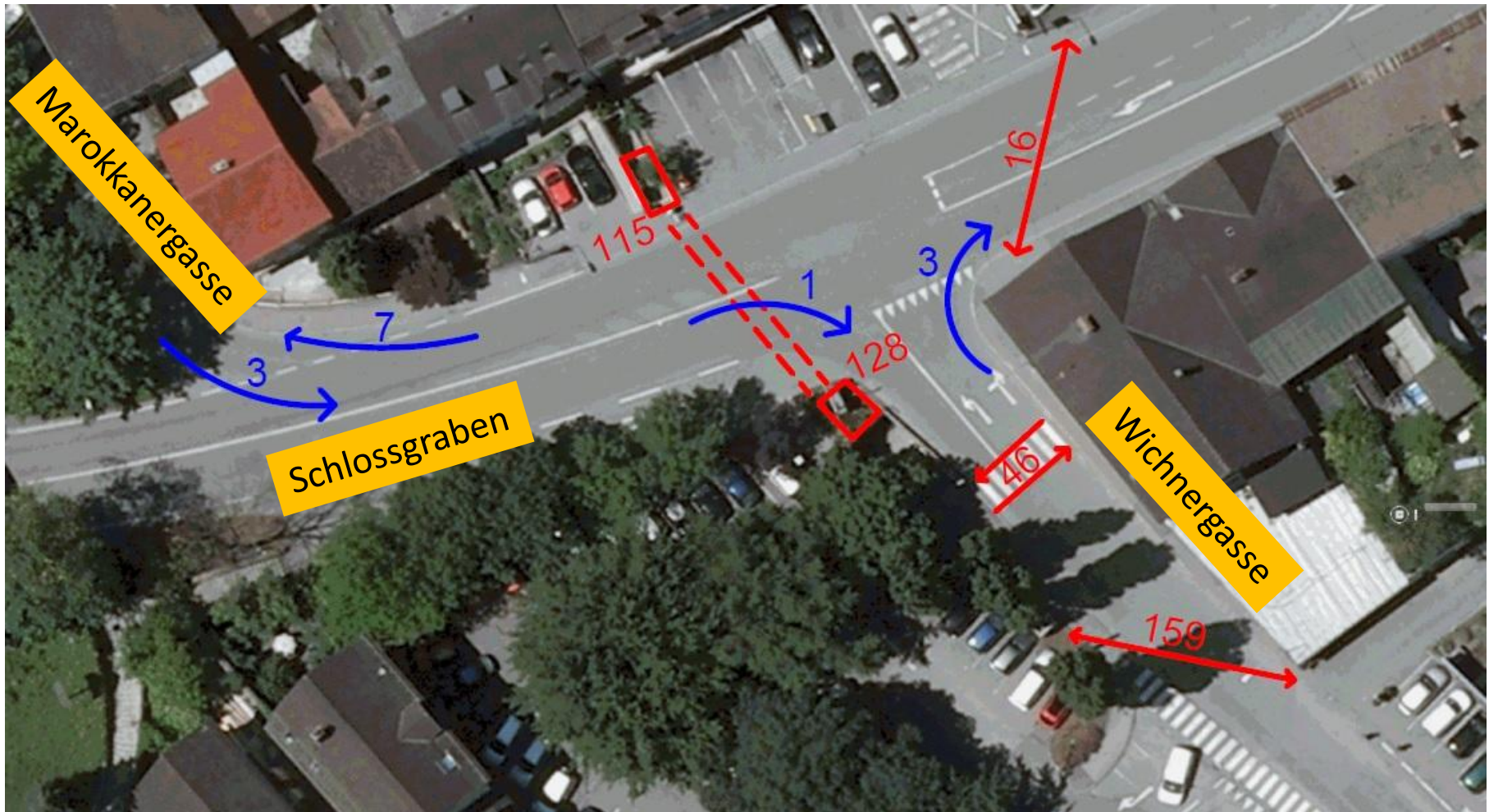
Pedestrian traffic

Rush hour measurement (4 x 15 mins)



Pedestrian traffic

Rush hour measurement (4 x 15 mins)



Concept I.

Traffic calming on Schlossgraben

Measures:

- Reduced motorized cross-section
(2 x 4.00 m → 2 x 3.00 m)
- Modified Junctions
- Speed limit: 30 km/h

Concept II.

Promotion of bicycle traffic on and around Schlossgraben

Measures:

- Implementation of bicycle lanes on Schlossgraben
 - Pavement level
 - Visually separated/highlighted

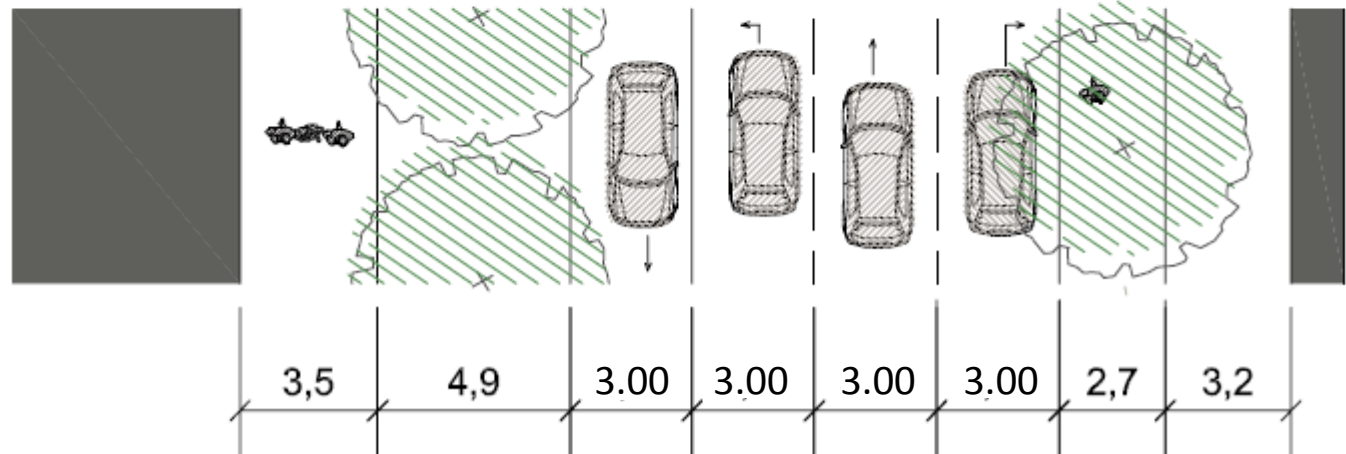
- Shared spaces on neighboring streets

Concept II.

Promotion of bicycle traffic on Schlossgraben



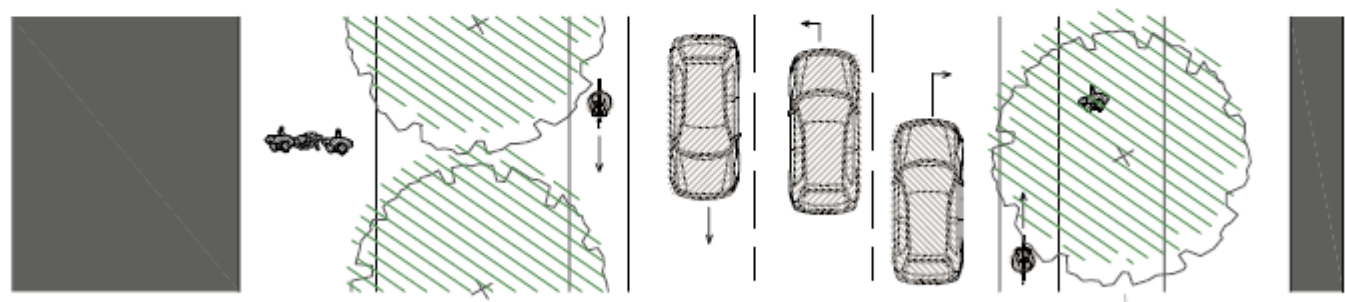
Current cross section of Schlossgraben at Saalbaugasse



Concept II.

Promotion of bicycle traffic on Schlossgraben

Planned cross section of Schlossgraben at Saalbaugasse



3,5	4,9	1,5	3,00	3,00	3,00	1,5	2,7	3,2
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Concept III.

Quality improvement of public space

Measures:

- Less space for motorized traffic on Schlossgraben
 - Wider sidewalks
 - Possibility of cycling

Concept III.

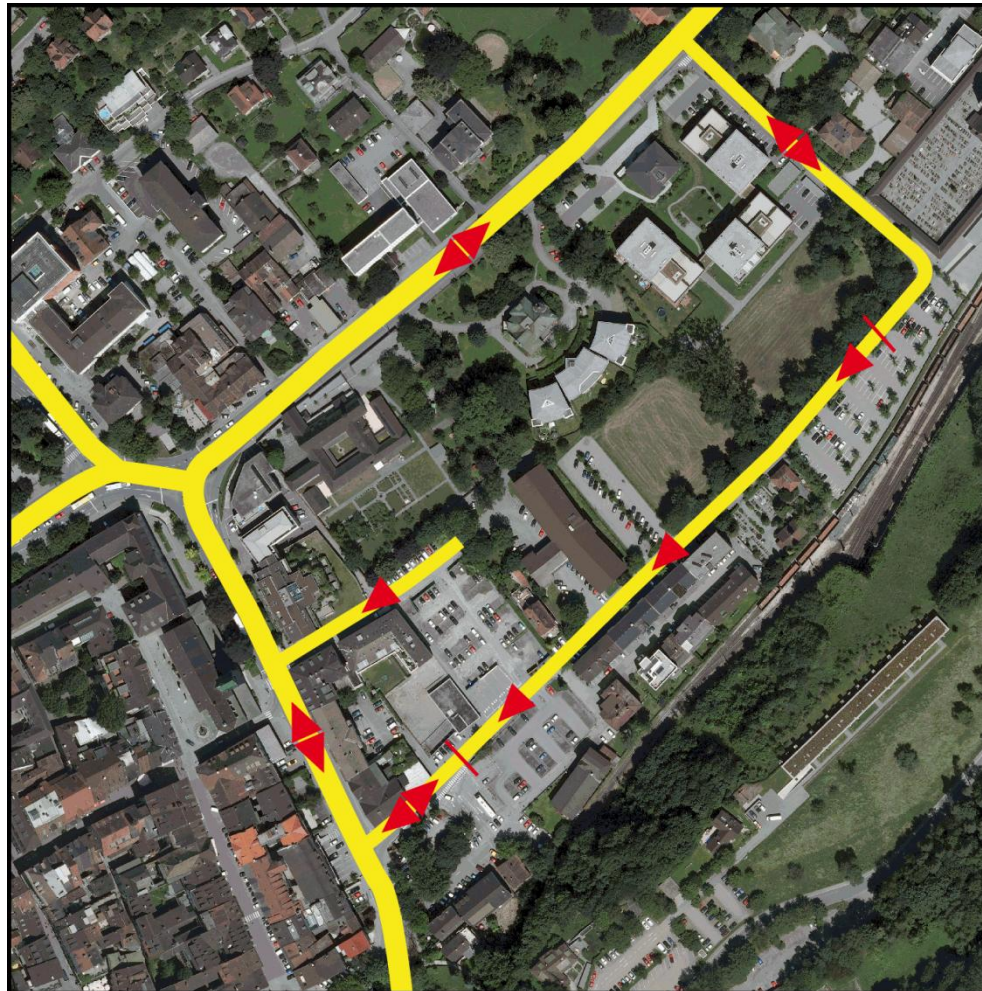
Quality improvement of public space

Measures:

- Shared space on neighboring streets
 - Speed limit 20 km/h
 - Less noise, pollution
 - More comfortable traveling by bike and on foot
 - More safe travelling for non-motorized traffic
 - One direction street in Wichnergasse
 - Reducing traffic on Schlossgraben

Concept III.

Quality improvement of public space



Concept III.

Quality improvement of public space



Concept IV.

Improvement of crossing possibilities for pedestrians and for cyclists

Measures:

- Easy crossing at Saalbaugasse
 - No traffic light at crosswalk (turned off – first attempt)
 - Crosswalk pavement material

Concept IV.

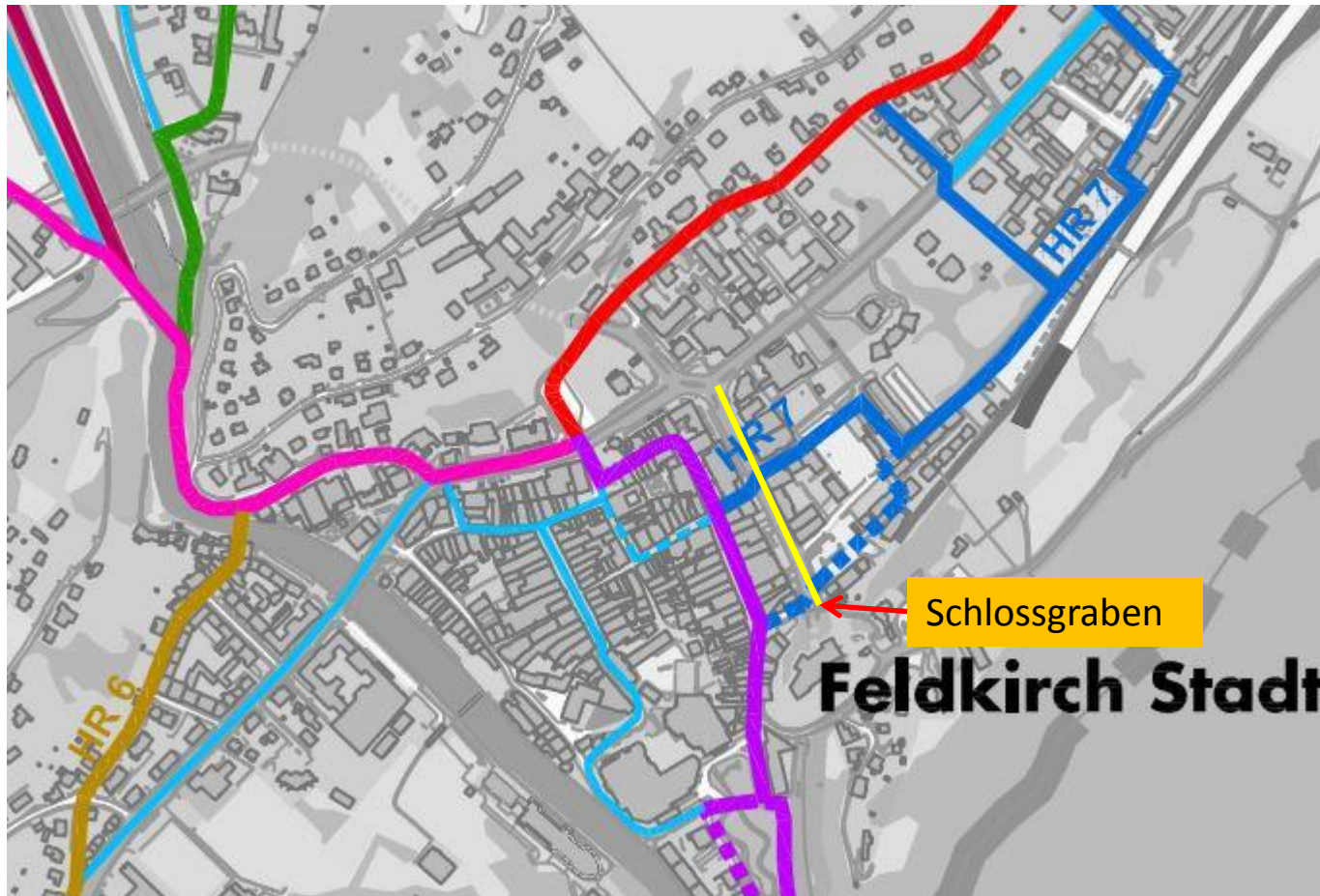
Improvement of crossing possibilities for pedestrians and for cyclists

Measures:

- Level crossing at Wichnergasse with traffic lights
 - For pedestrians and cyclists
 - Underpass not necessary – avoidable

Concept IV.

Improvement of crossing possibilities for
pedestrians and for cyclists



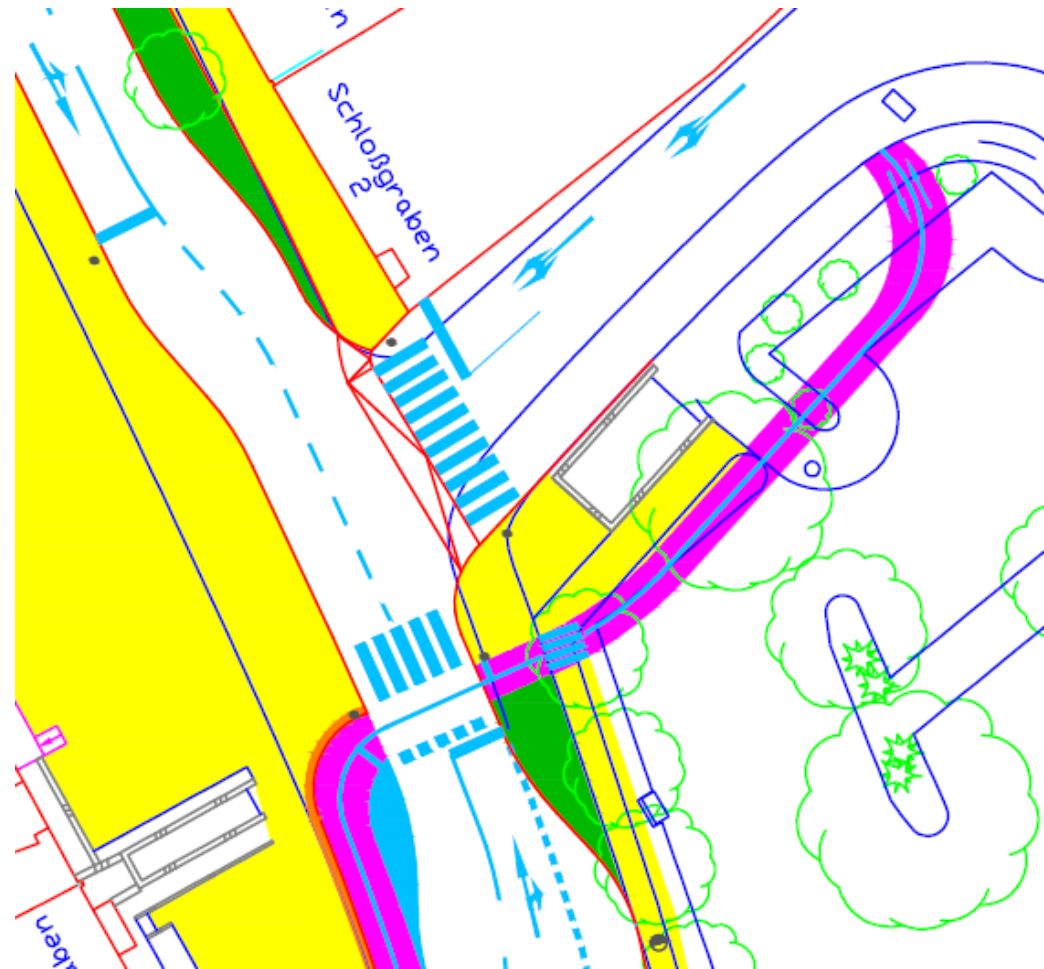
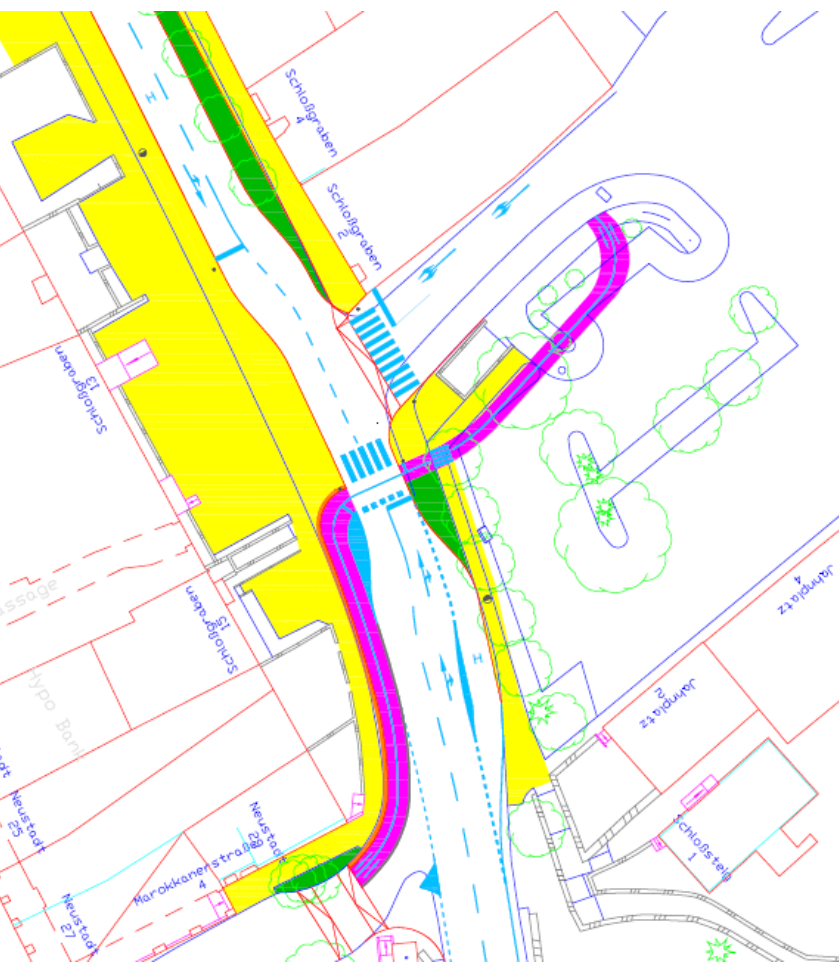
Concept IV.

Improvement of crossing possibilities for pedestrians and for cyclists



Concept IV.

Improvement of crossing possibilities for pedestrians and for cyclists



Concept V.

Improvement of James-Joyce-Passage underpass

Measures:

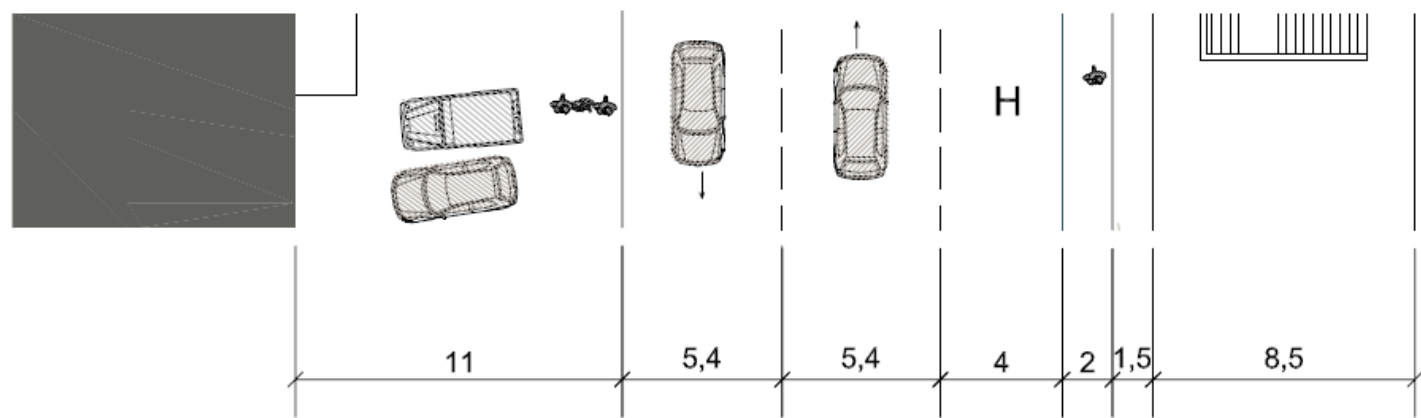
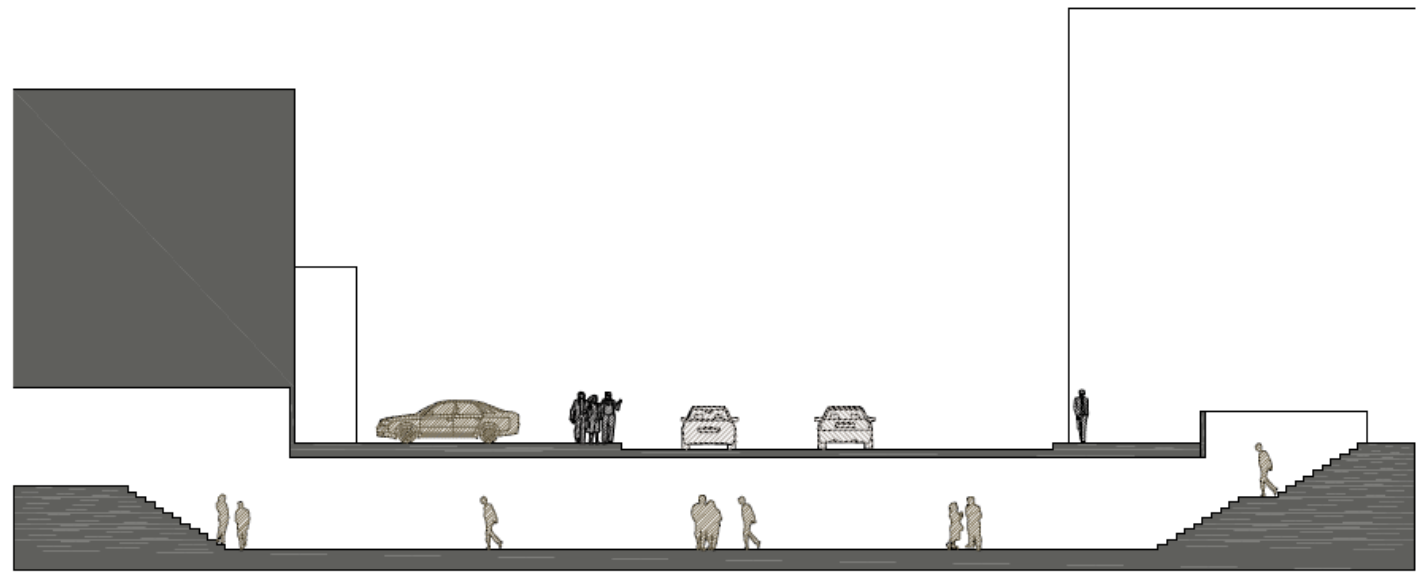
- Leading pedestrians from street level crosswalk right into James-Joyce-Passage through a ramp
 - Replacement of private parking places is necessary
 - Structural investigation

- Underpass can be closed
 - Alternative use: corridor between James-Joyce-Passage and the future underground parking lot of Wichnergasse

Concept V.

Improvement of James-Joyce-Passage underpass

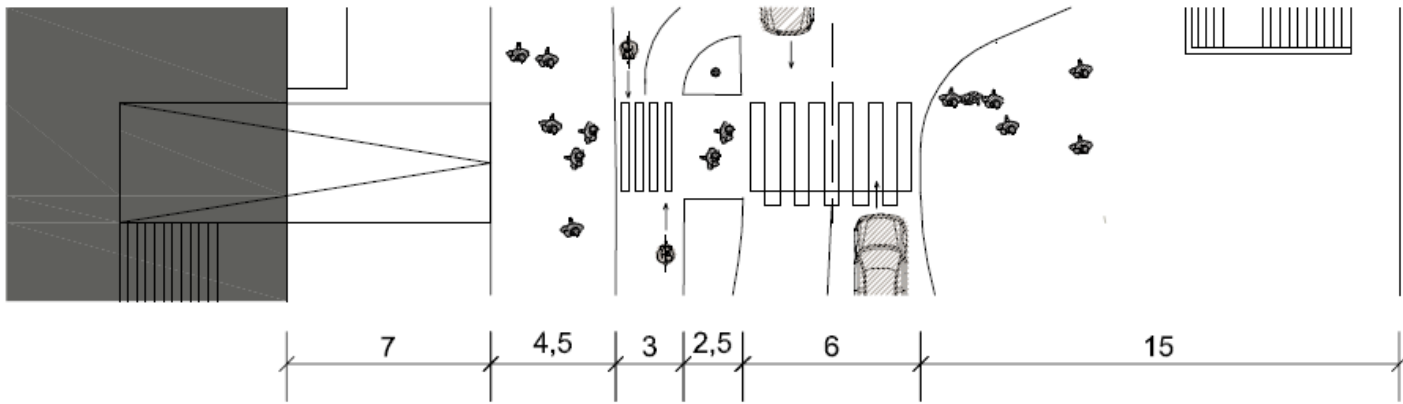
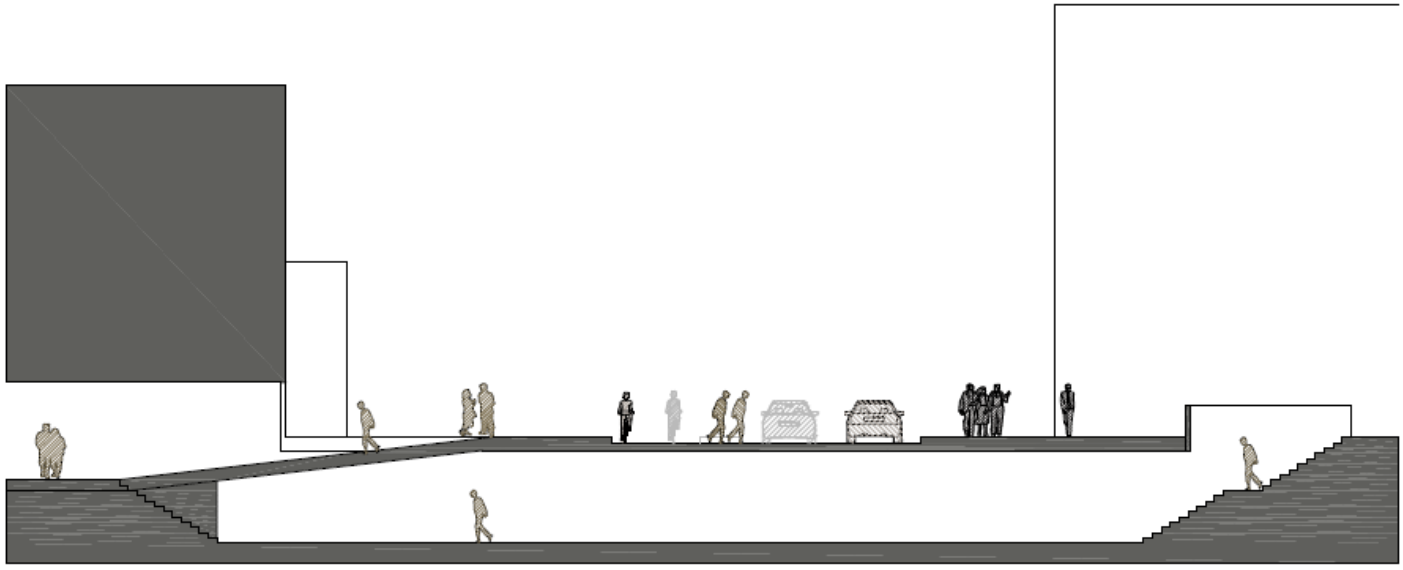
Current cross-section of underpass



Concept V.

Improvement of James-Joyce-Passage underpass

Planned cross-section of underpass



Conclusion

Short term measures:

- Turning off traffic light at Saalbaugasse crosswalk

Medium term measures:

- Reshaping of Schlossgraben (bike lanes, 3.00 m wide motorized lanes, Street level crossing at Wichnergasse)
- Wichnergasse as shared space

Long term measures:

- James-Joyce-Passage ramp