2. City Retrieval
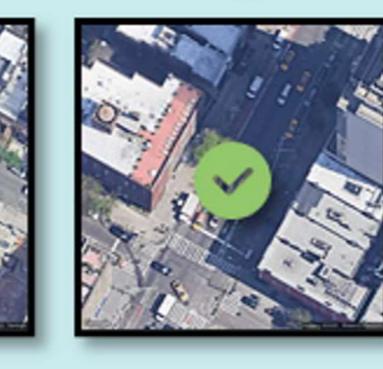Q: Where is this photo possibly taken?
A: Madrid.

1. Image Retrieval
Q: Which images correctly represents the satellite view of the image?

4. Camera Localization
Q: Compare the key landmarks or distinctive features in both images to determine which quadrant of the satellite image shows the shooting location of the street view image.
A: 2.

3. Orientation
Q: Which section in the street view image represents the North direction given the satellite image? A: 2.

Geo-Localization

14. Object Matching
Q: What are the coordinates of the building in the red bounding box of the panoramic street view image on the satellite image?
A: [184, 288, 457, 512].
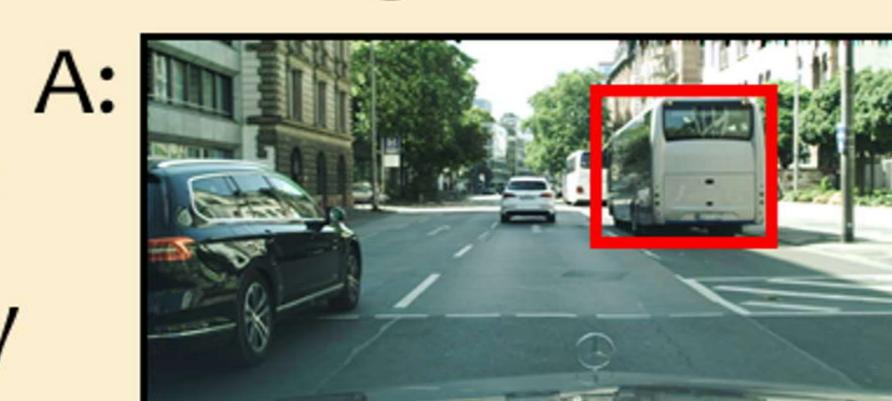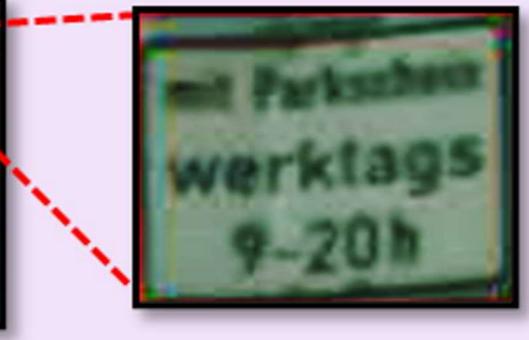
13. Object Attribute Recognition
Q: What is the land use type of the building red box in the given image?
A: Mixture of commercial and office.

12. Object Grounding
Q: A white bus is located in the right of the image, facing away from the camera, with a license plate visible at the bottom center.

Object Understanding

Satellite-view
Street-view

As a tourist, I am new to this place. I need some help...
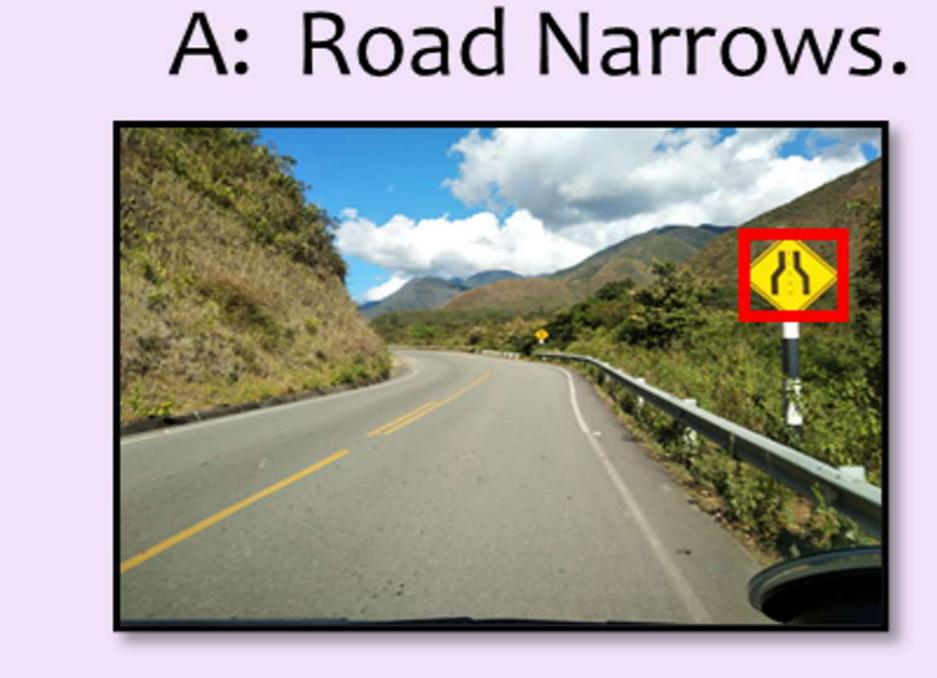
5. Visual Prompt Reasoning
Q: What is the time restriction on the traffic sign inside the bounding box ?
A: 9-20 h.

6. Traffic Sign Reasoning
Q: According to the traffic sign framed in red, what should drivers be cautious of?
A: Road Narrows.

Scene Reasoning

7. Role-based Reasoning
Q: I need to buy a new pair of running shoe, which store should I go to?
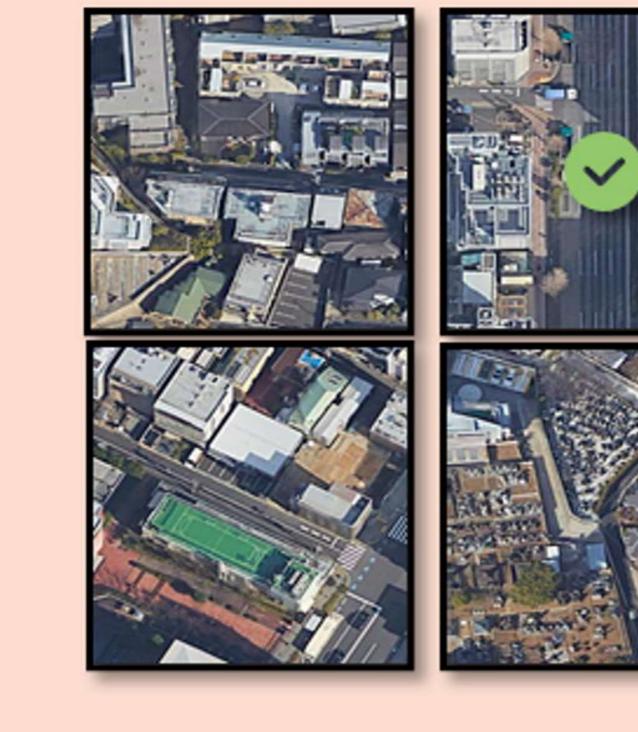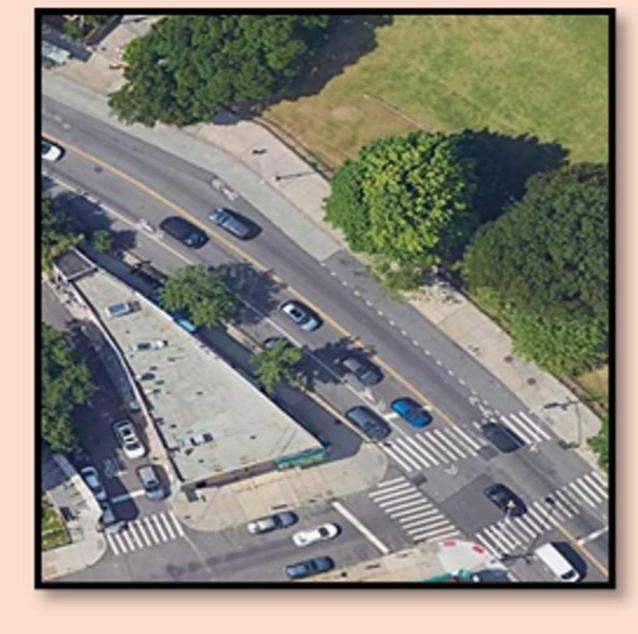A: Paragon Sporting Goods.

Scene Understanding

11. Scene Comparison
Q: Which image contains the fewest buildings?

10. Counting
Q: How many printed white or yellow crosswalks are shown in this image?
A: 4.

8. Road Understanding
Q: What is the road type of the road in the given image?
A: Crossroad.

9. Scene Recognition
Q：Which class of object appears in this image?
A: Parking lot.