WEEK 5

Amir Zamir and Stephanie Morris
ALBUQUERQUE DATA

- Objects included:
  - Streets
  - Bus stops
  - Traffic signs

- We were not able to get traffic signals because of security reasons
STREETS IN GOOGLE EARTH
BUS STOPS IN GOOGLE EARTH
DETAILS OF BUS STOPS
EXAMPLE ENCODING OF DATA

- </description>
- <Point>
  - <extrude>0</extrude>
  - <altitudeMode>relativeToGround</altitudeMode>
  - <coordinates>-106.545072,35.036189,0.000000</coordinates>
- </Point>
- </Placemark>
- <Placemark>
  - <name>96, 98</name>
  - <styleUrl>#IconStyle00</styleUrl>
  - <Snippet></Snippet>
  - <description><![CDATA[<html xmlns:fo="http://www.w3.org/1999/XSL/Format"]]>}}
CODE TO USE

- VOC devkit
  - Has example code that you can run (uses PASCAL 2007 data)
  - Has low accuracy
  - Not sure if I can manipulate it to make new object detectors
- VOC release 4.01
  - Has less black box functions
  - Haven’t been able to test it
NEXT STEPS

• See if we need anything else from the people at the Albuquerque GIS department
• Manually annotate some of the objects we want to include
• Manually edit where some of the data is (not all of the data is correct)
• Test Pedro’s object detector on our object classes (such as signs)
• Trying the fusion model between GIS data and object detection