First Mile/Last Mile Solutions

- On demand automated vehicles will move passengers the first mile to the bus stop and the last mile from the bus stop (bottom picture).
- Scheduled or on demand vehicles will move passengers through a closed loop within OSU campus (through roads and pedestrian areas, top picture).
- The vehicles will:
  - use automated driving technology;
  - use V2V communication for convoy driving;
  - be equipped with vulnerable road user protection technology enabling them to function in pedestrian zones;
  - communicate with smart LED light infrastructure to turn them along their route.
- SMOOTH will keep track of vehicles and guide them.
- Smartphone applications will be developed to schedule and track the on-demand automated vehicles.

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