

# WiMAX Prototyping in Metro Detroit: Deployment Plan

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Hongwei Zhang, Wayne State University

[hongwei@wayne.edu](mailto:hongwei@wayne.edu)

<http://www.cs.wayne.edu/~hzhang/>

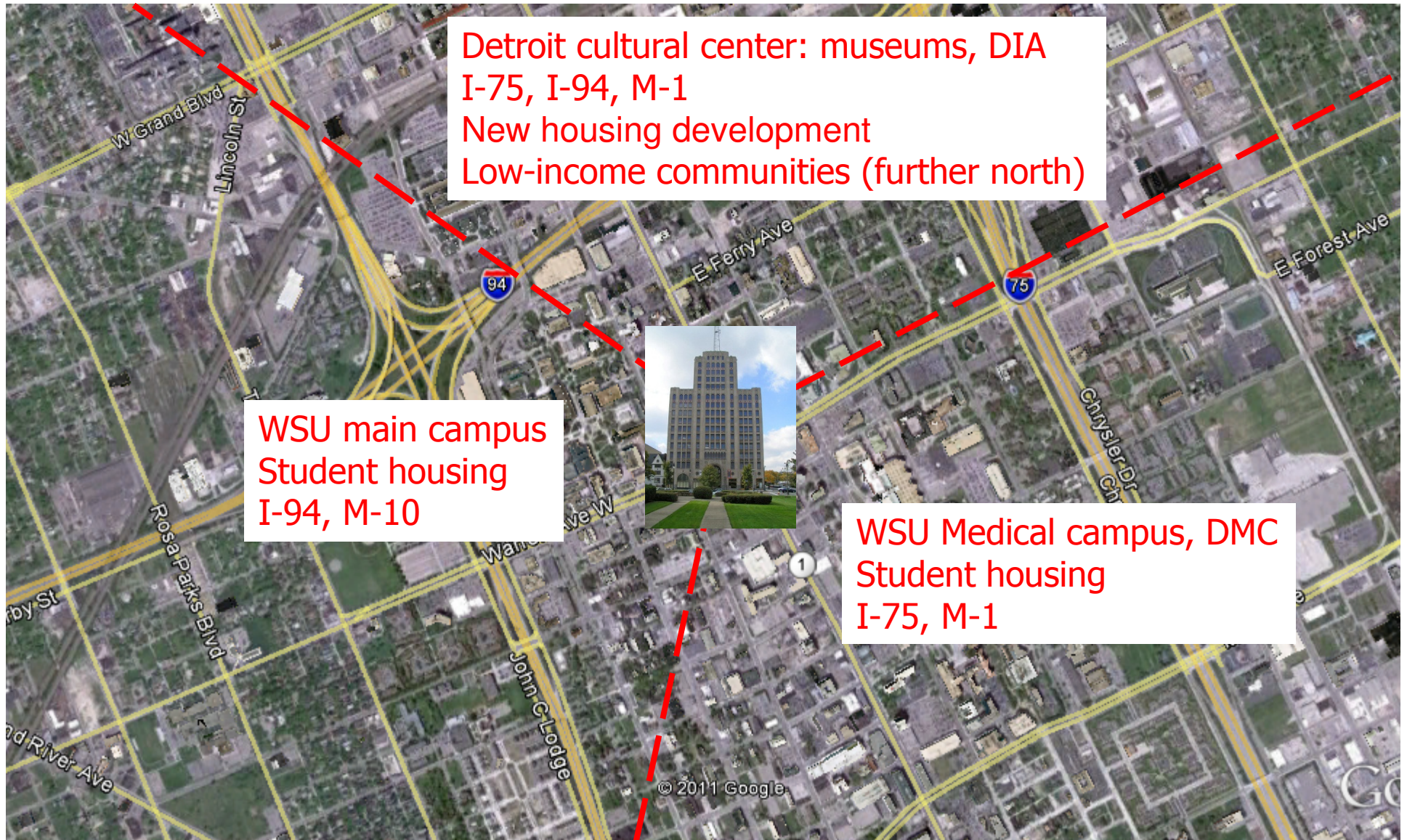


Project Team: TJ Giuli, Patrick Gossman, Xiangying Yang, Jing Zhu, Hongwei Zhang (lead)

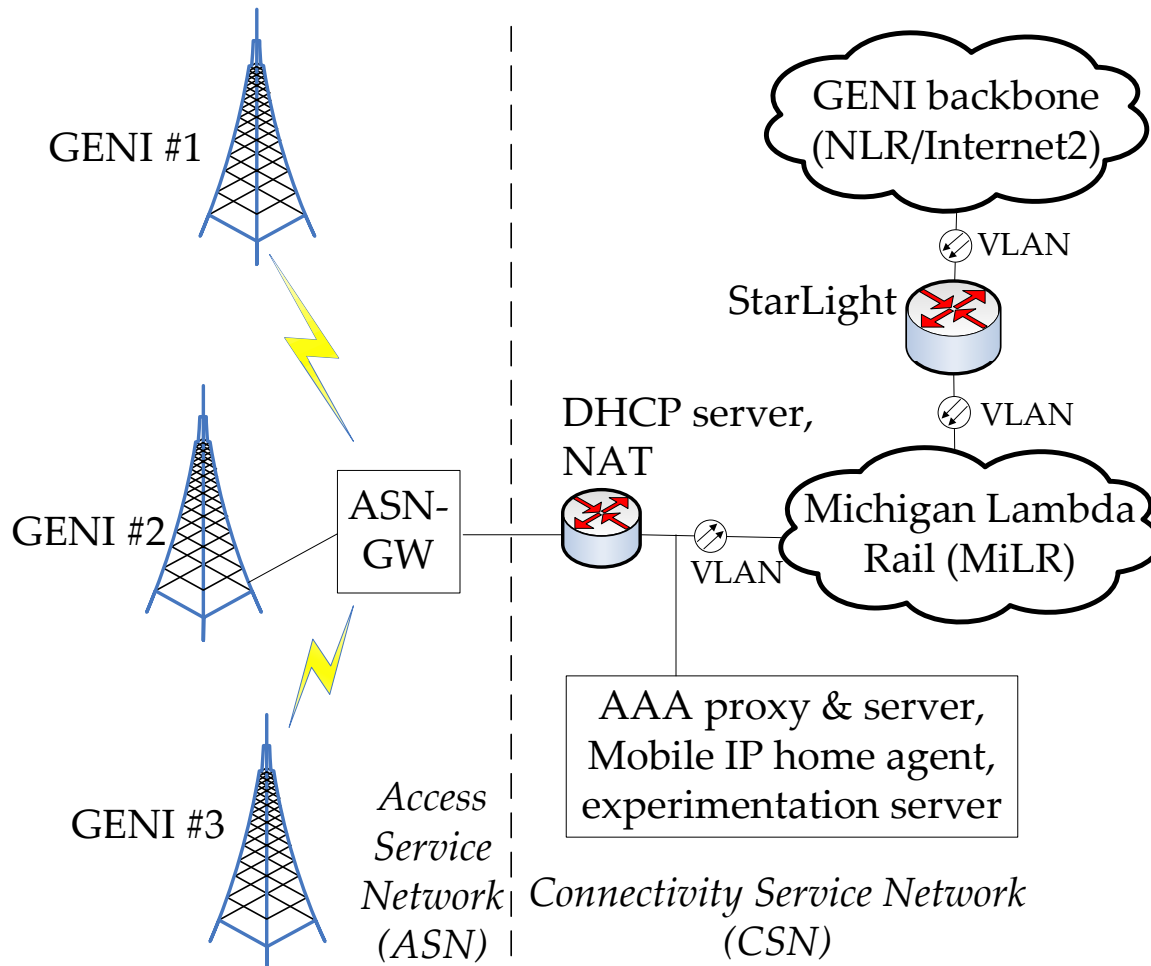
# Context of deployment



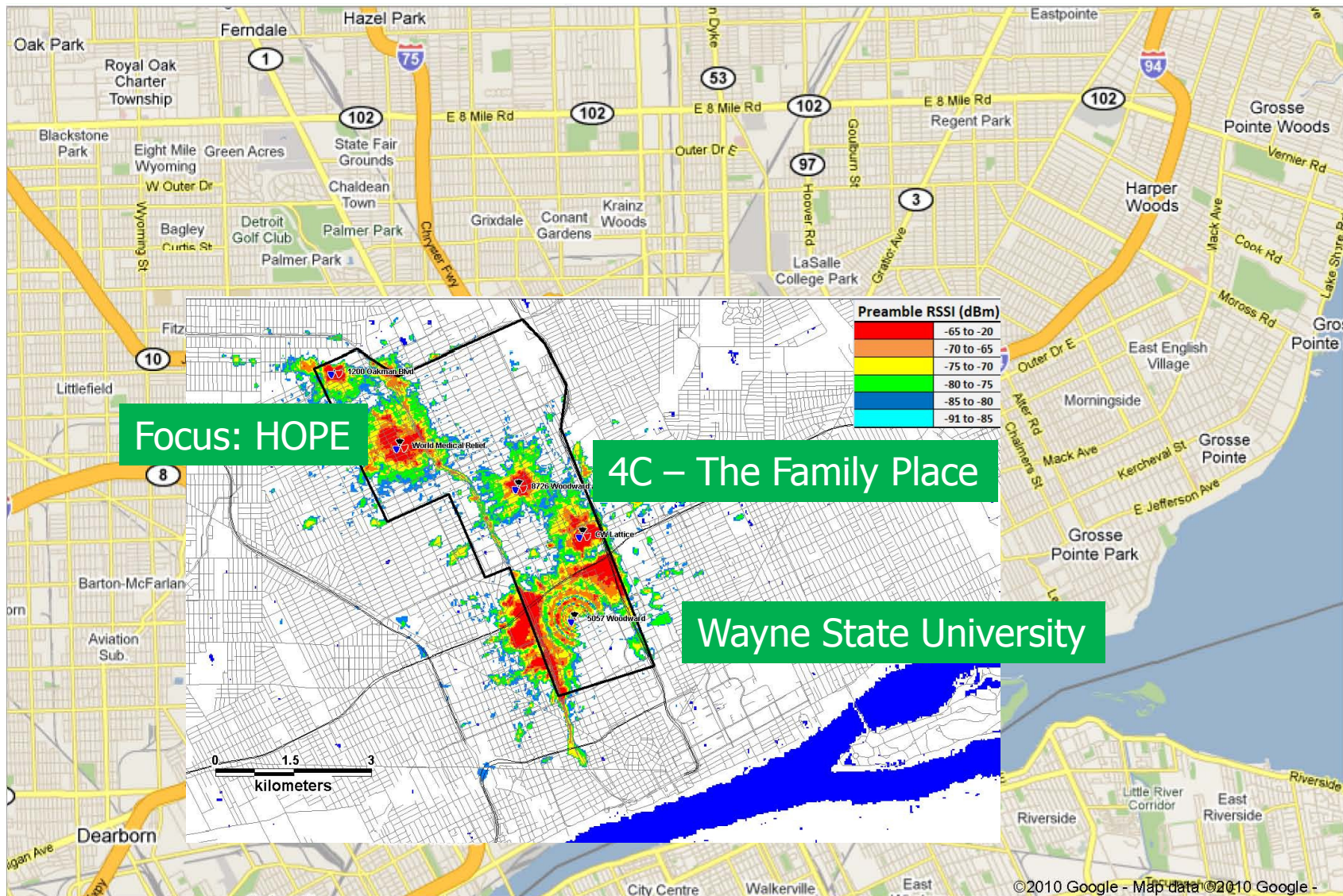
# Deployment option #1: CS/Maccabees building



# Deployment option #1: system architecture



# Deployment option #2 & extension plan



## Issues/challenges to be resolved

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- 2.5GHz band range is used up in Detroit
  - Limited duration of spectrum loan from Clearwire
- 3.65 GHz operation
  - Typical coverage range?
  - Compatible client devices?
- Installation cost?