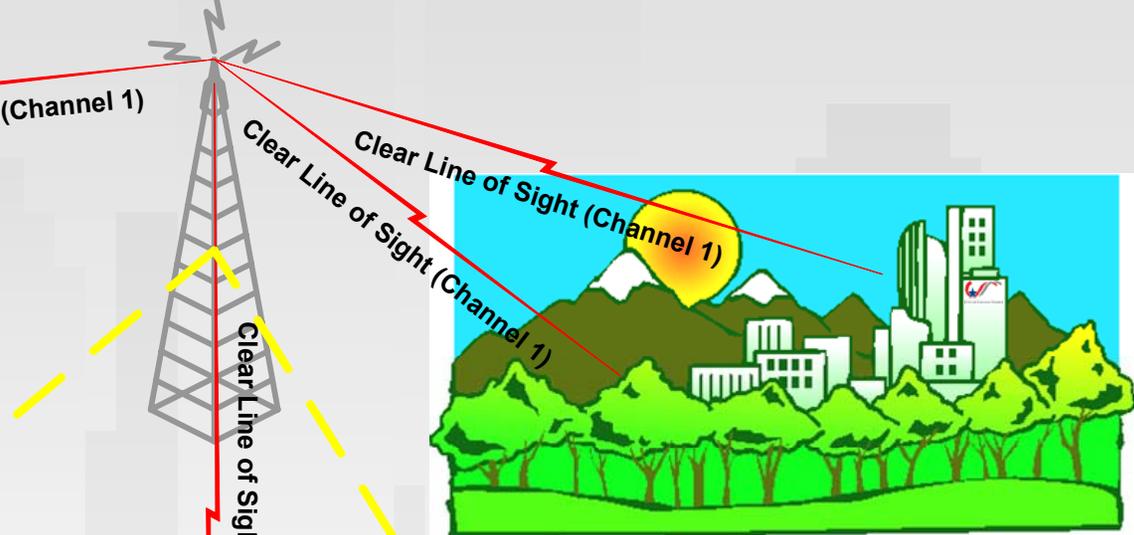


City Complex Access

Localized, Directed Coverage

- City Hall/Central Fire
- PD/Public Works/OTIS/Municipal Court
- Utility Service Center
- Electrical Substations
- Carter Creek/Lick Creek WWTP
- Sandy Point Well Field

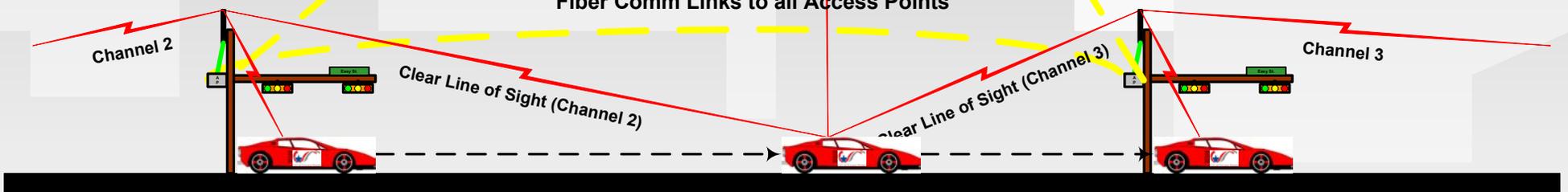
Primary Sites
 Park Place Water Tower
 Radio Tower
 Greens Prairie Water Tower



Line of Sight Coverage

- Primary Site and Support Coverage
- Field Mobile Access from:
- City Streets
 - City Parks
 - City Facilities
 - Commercial Parking Lots

Fiber Comm Links to all Access Points

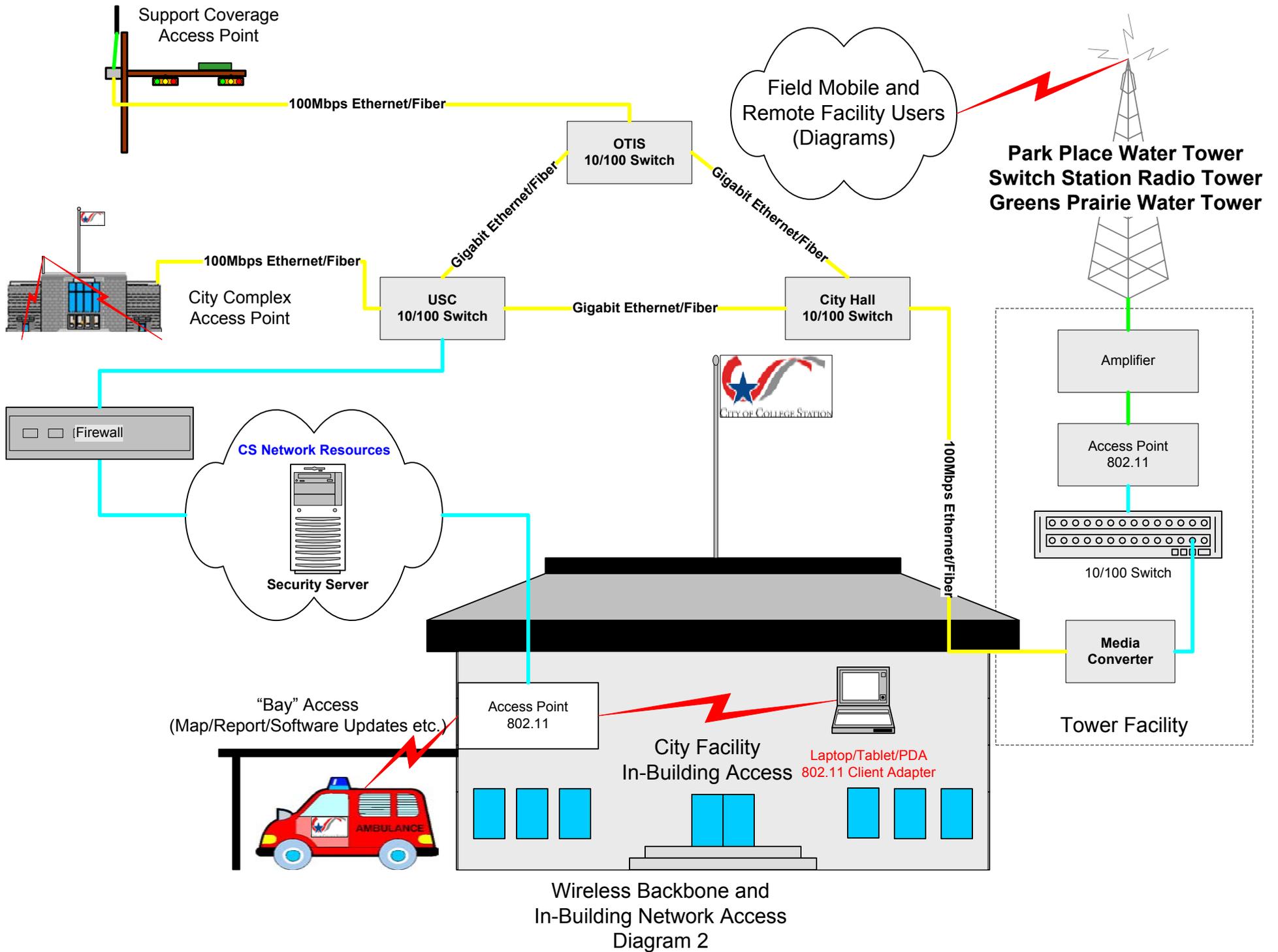


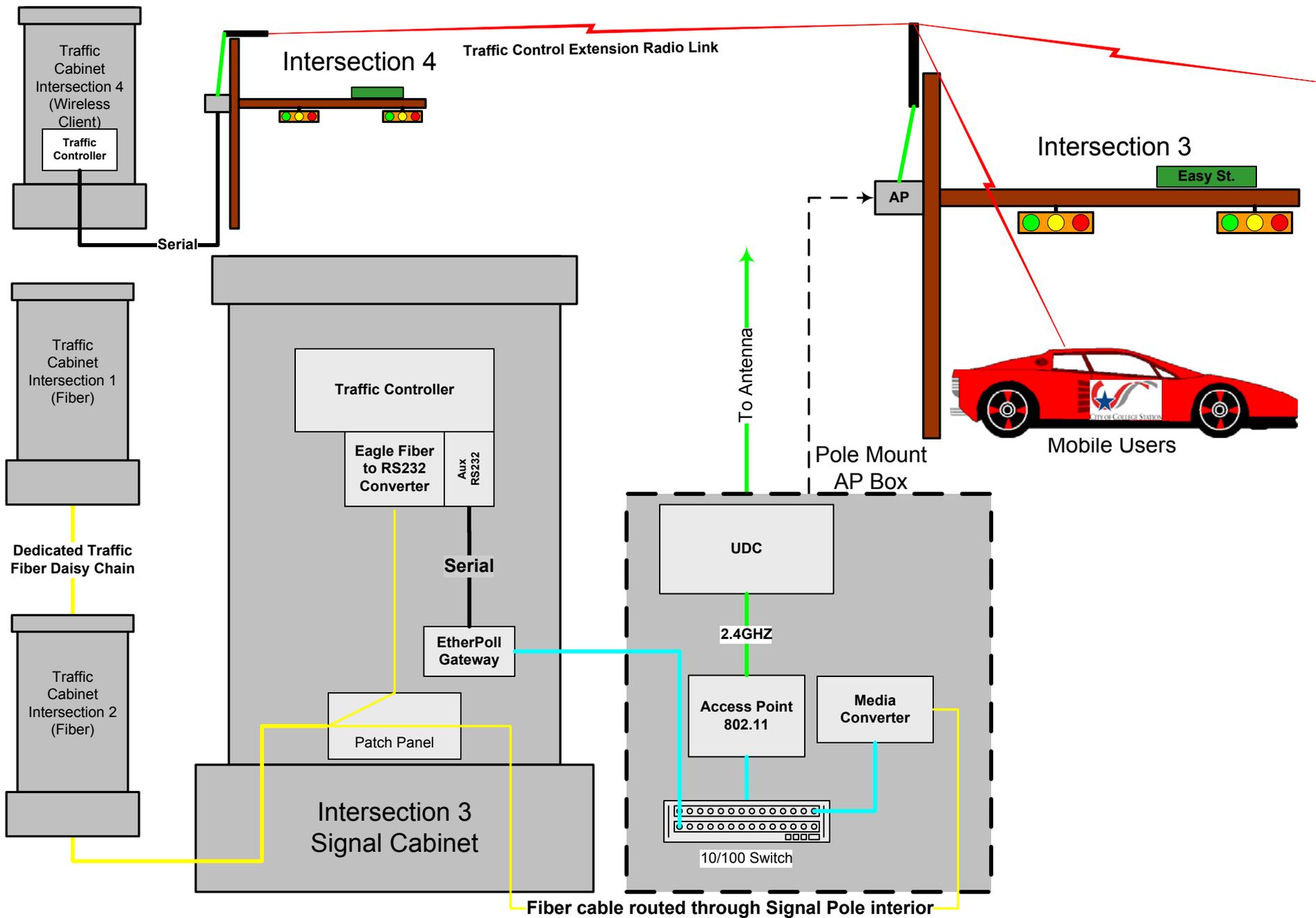
Support Coverage AP

Support Coverage AP

Roaming Protocol in Access Points allows mobile users to move from one Cell to another without interruption (if cells overlap). APs negotiate with each other over fiber backbone network to determine which AP has the best connection to the client.

Overview of Field Mobile Network Access and Roaming
 Diagram 1

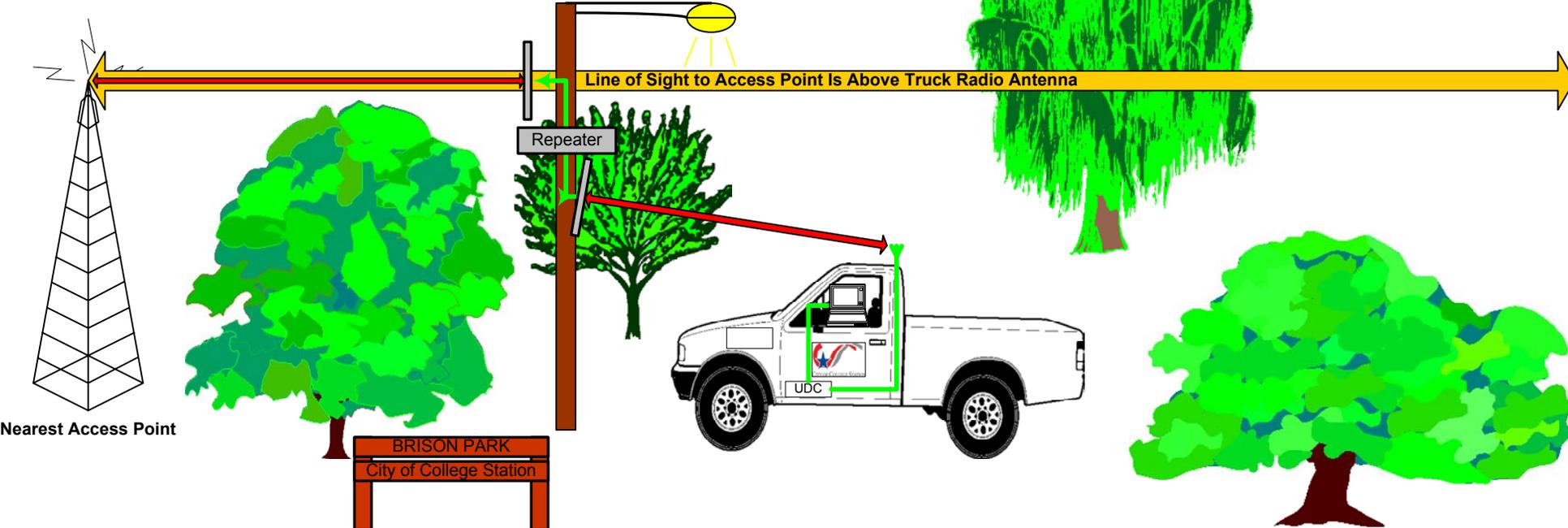




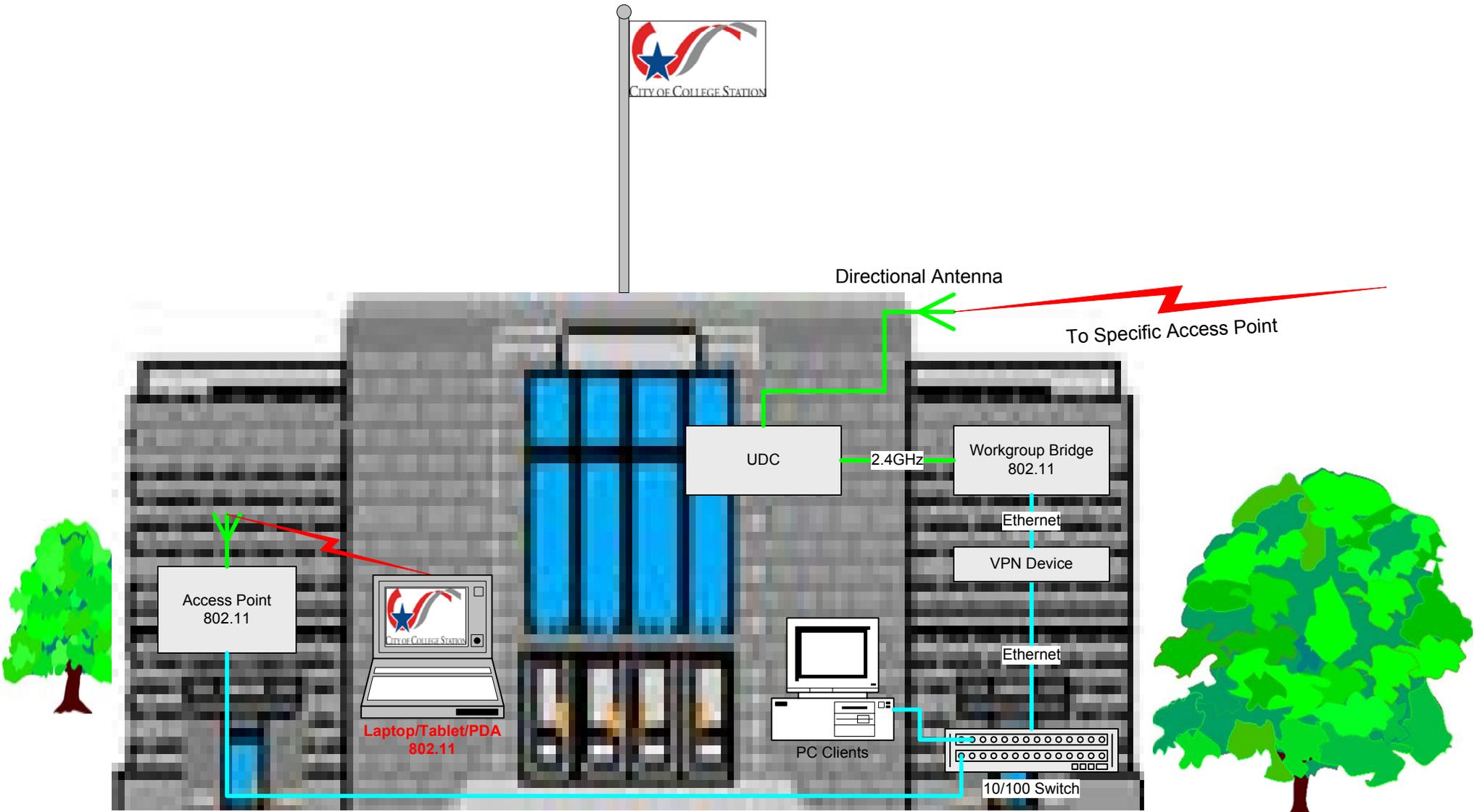
Support Coverage Traffic Signal Access Point
 With Wireless Traffic Signal Extension Interface
 Diagram 3



“Hotspot” Repeater Redirects Access Point Coverage
Downward in Non-Line-of-Sight (LOS) Areas
(No fiber connection required)



Field Mobile Network Access “HotSpot”
Directed, Short Range Coverage in Specific Non-LOS Locations
Diagram 4



Remote Facility Network Access
 11-54Mbps Access for Wired Clients
 and In-Building Cell for Wireless Clients
 Diagram 5