

# The Miami Valley Regional Network

October 5, 2007

Discussion with State CIO

# Discussion Points

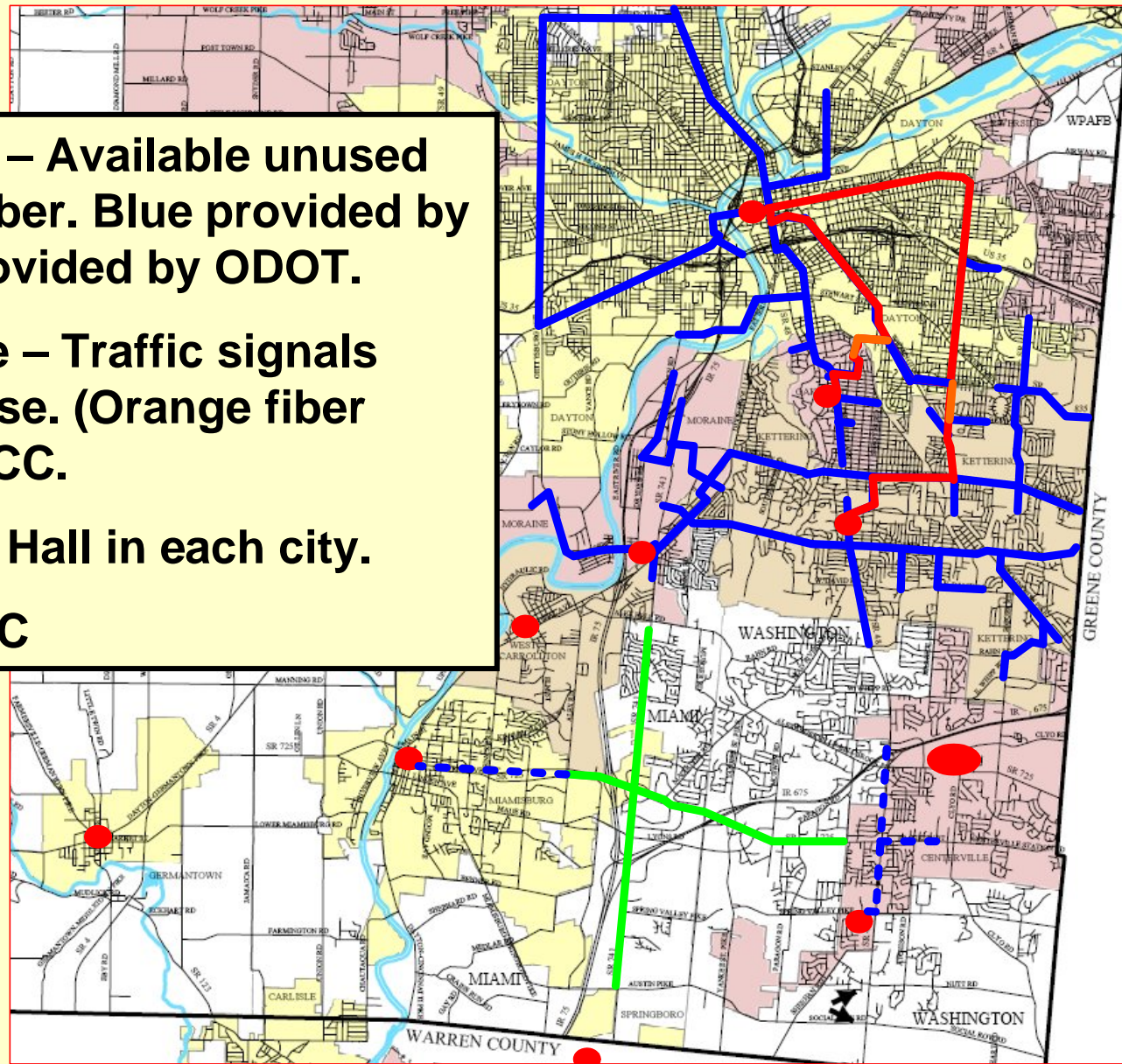
- We would like to combine our regional efforts and vision with the state broadband initiative and vision.
- We believe that success with our regional network can be a quick win for the state as a state broadband initiative pilot.
- Ask for your help in completing what we have already started and demonstrated to be successful.

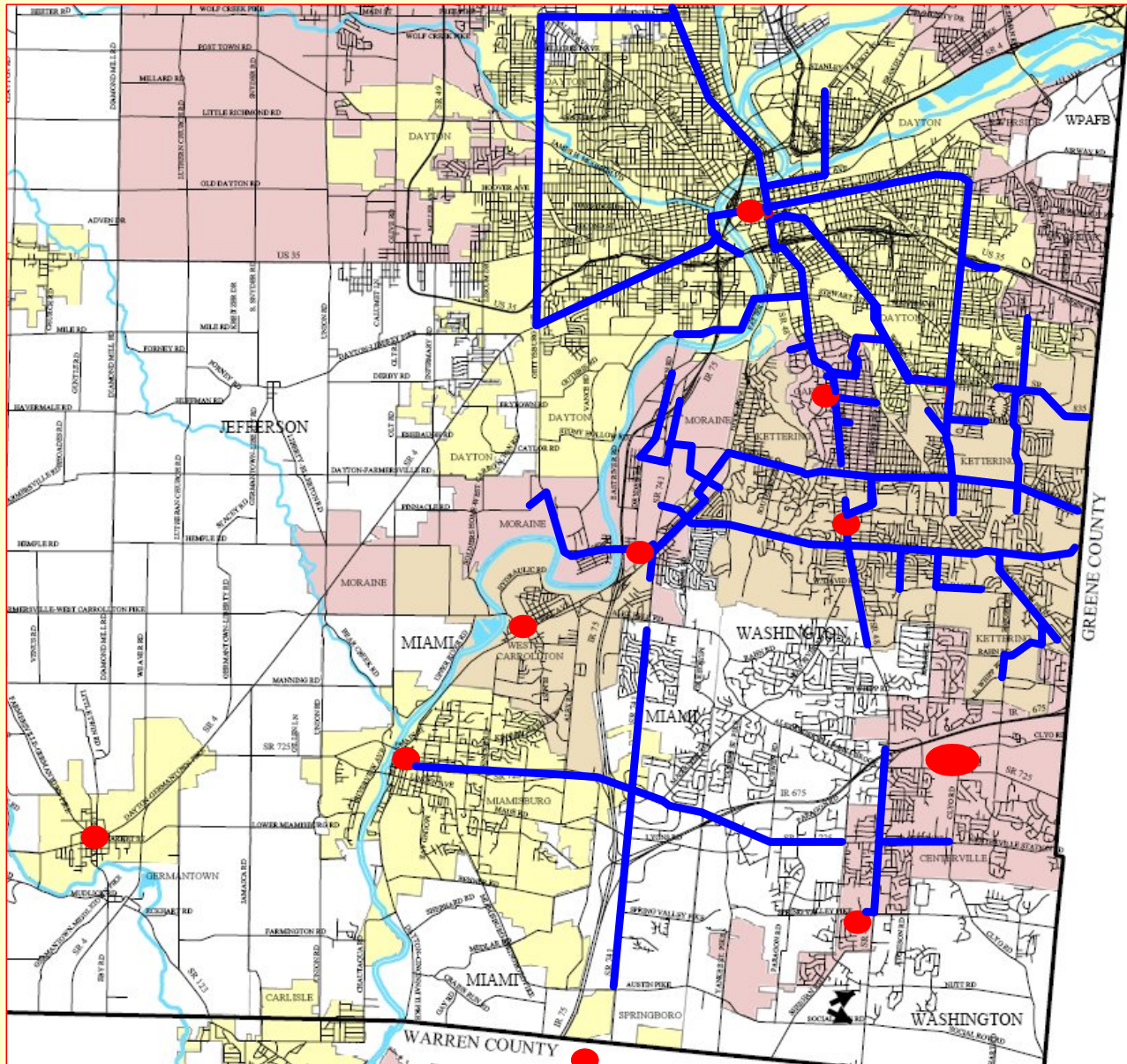
**Blue and Green – Available unused traffic signals fiber. Blue provided by cities; green provided by ODOT.**

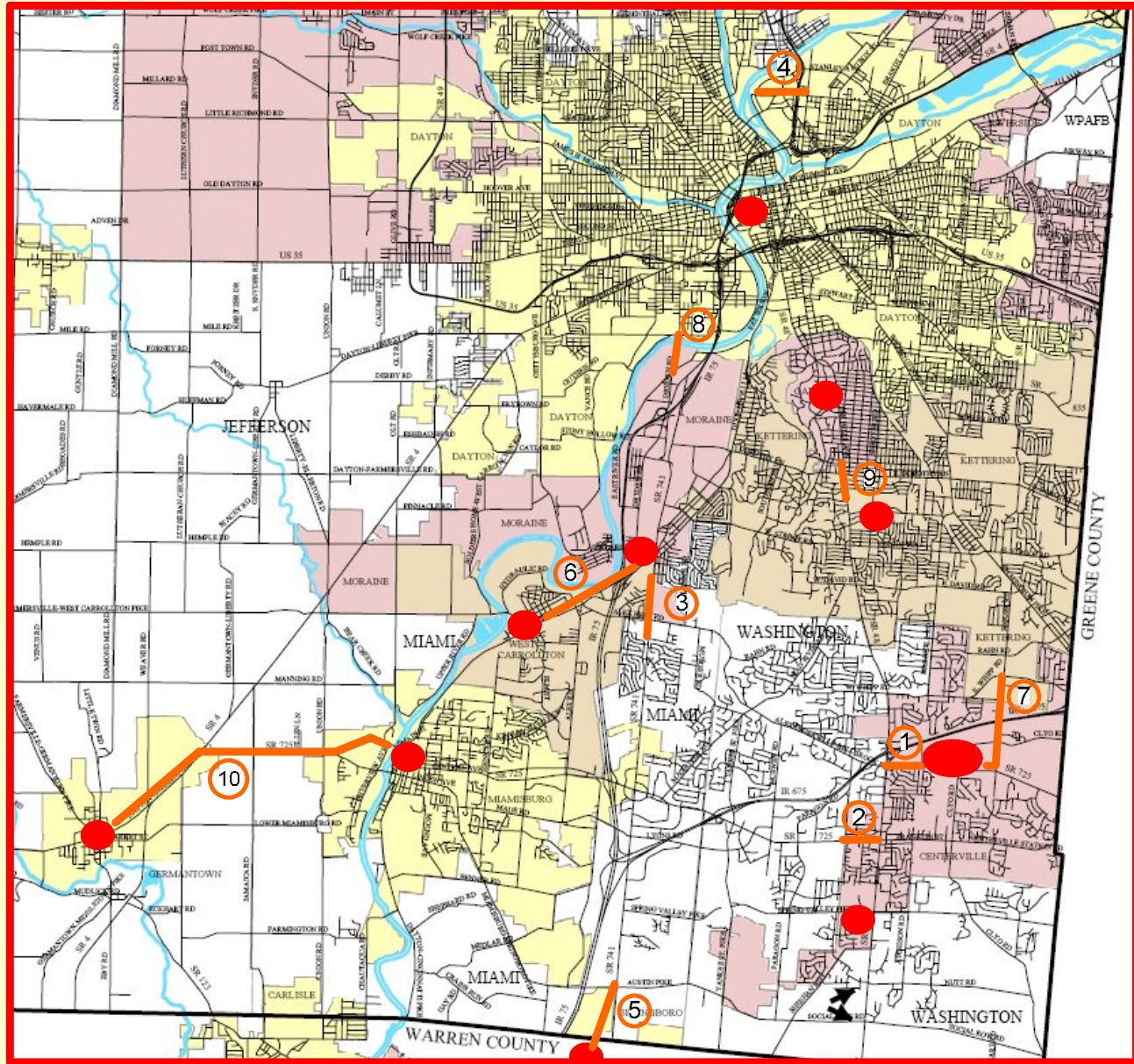
**Red and Orange – Traffic signals fiber that is in use. (Orange fiber installed by MVCC.)**

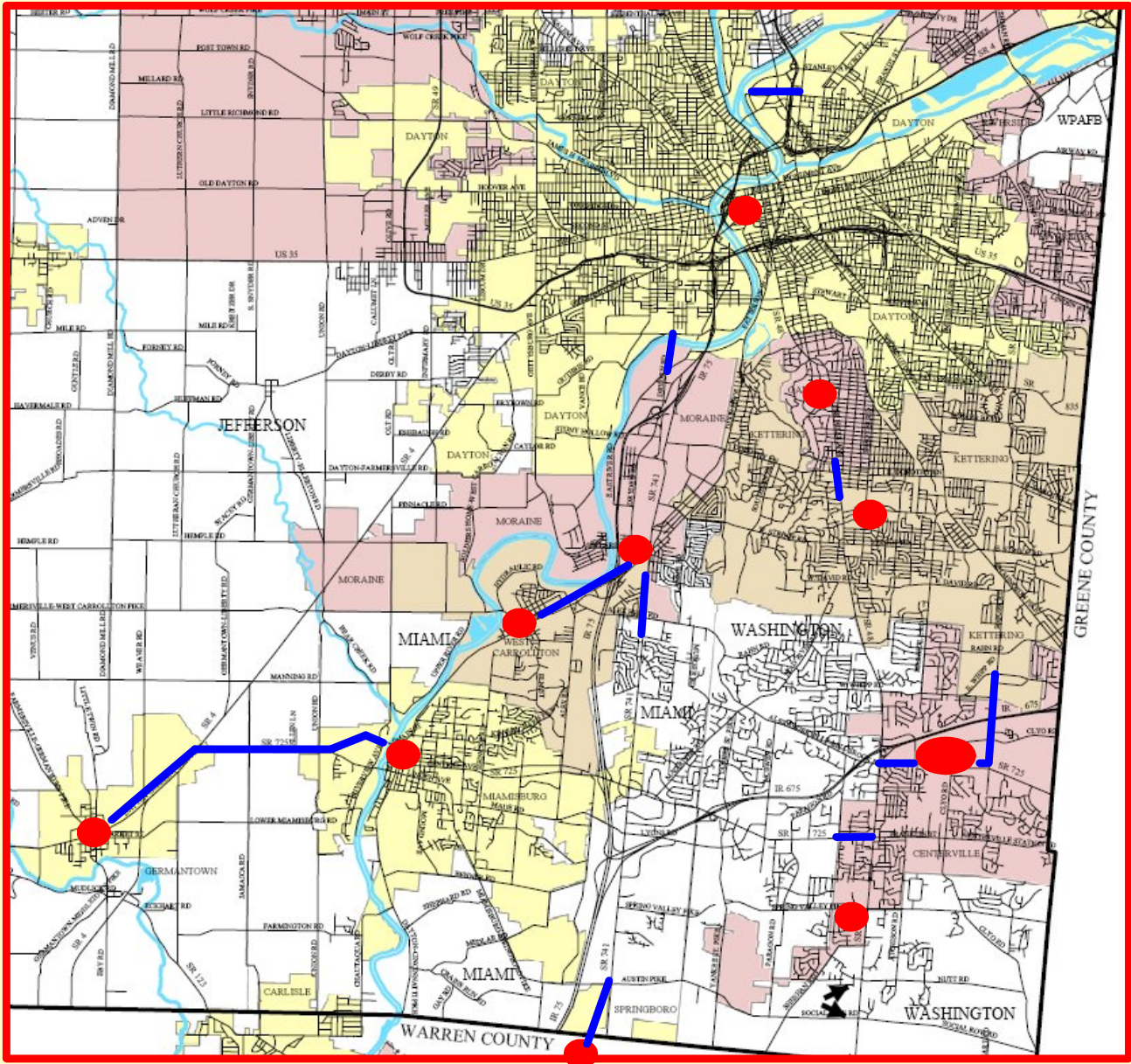
**Red Dots – City Hall in each city.**

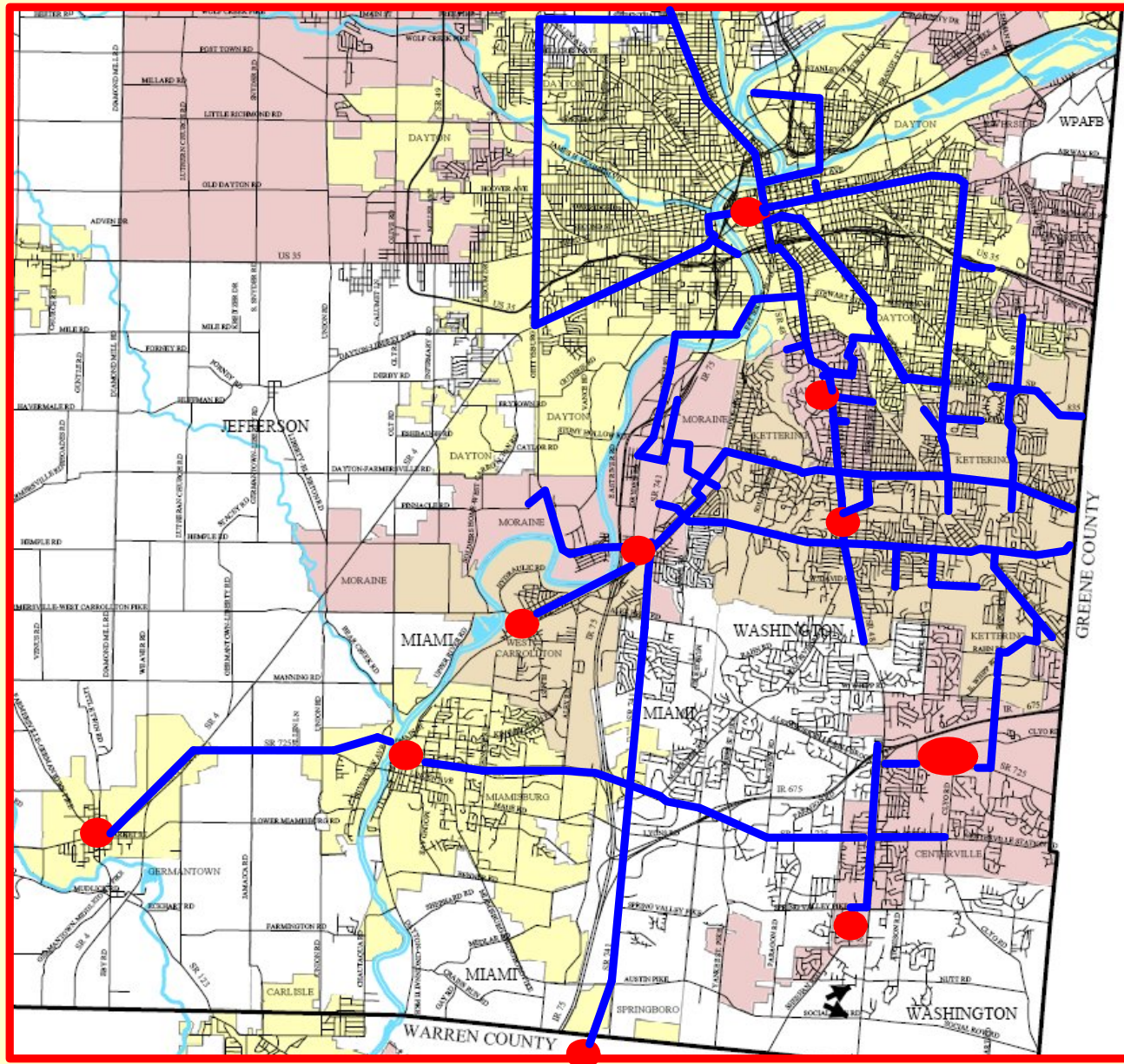
**Red Oval - MVCC**











# Cost to Fill Fiber Gaps

Gap Priority And Number	Gap Type	Running Worst Case	Running Best Case	Running Expected Case
1	Primary Backbone	\$ 85,536	\$ 41,184	\$ 69,696
2	Primary Backbone	\$ 128,304	\$ 61,776	\$ 104,544
3	Primary Backbone	\$ 156,816	\$ 75,504	\$ 127,776
4	Attach Time-Warner	\$ 228,096	\$ 146,784	\$ 206,184
5	Attach Springboro C.H.	\$ 370,656	\$ 263,472	\$ 348,770
6	Attach W. Carrollton C.H.	\$ 513,216	\$ 369,072	\$ 485,258
7	Alt. Backbone	\$ 691,416	\$ 473,352	\$ 640,622
8	Alt Backbone	\$ 734,184	\$ 493,944	\$ 675,470
9	Alt Backbone	\$ 819,720	\$ 535,128	\$ 745,166
10	Attach Germantown	\$ 1,211,760	\$ 927,168	\$ 1,176,410

# In Closing

- Our regional network can be an inexpensive quick win for the State.
- Our regional objectives match the State's objectives
- Fiber to fill gaps in 12 months or less-- \$1.2 Million.
- Equipment to terminate fiber -- \$20,000 per added location.