

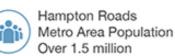
NEWPORT NEWS CASE STUDY

Executive Summary

The Hampton Roads, VA area is a notoriously difficult place to locate, permit and construct communication towers.

Siting Challenge Factors:

- Historic designation sites
- Low-lying land
- · Miles of waterfront
- Challenging zoning ordinances





Demand for wireless service continues to grow Tower Height: 150' AGL s: 36-59-37.4 N, 76-25-47.2 W

All wireless service providers have faced siting 20 +challenges for 2 decades

Newport News Search Area

The City of Newport News near the Newport News Shipbuilding yards.



CitySwitch Solution

Railroad properties and rights of way spanning over 40,000 linear miles.

Wireless provider wanted a tower in the shipyards area. Preferred site location owned by CSX.



CSX Approval Process



Zoning

M-1 (Industrial District), normally requires a CUP. However, since the site was on CSX property, no CUP, site plan or building permit was required.



Construction

Less than 30 days



The ability to site this tower on CSX property made the entire development process go from very difficult to construction complete in 10 months.

Drew Patterson, Project Manager