NORTH CAROLINA MEGA-SITES

NC Economic Developers Association

March 14, 2018



Toyota Automotive Manufacturing Facility









What makes up a Mega-Site?



Site Size:

- 1,000+ Acres
- 700-800+ Acres Contiguous Developable

Transportation Access:

- 4 lane Highway Accessibility w/ Visibility preferred
- Major Rail Provider Access to site (i.e. Norfolk-Southern)
- Proximity to Commercial Airport

Environmental:

- Minimal Wetlands & Streams (i.e. permittable)
- Cleared from Archeological & T&E Resources
- Air Quality Attainment zone preferred
- Minimal 100-yr flood plains and none dividing the site
- Phase 1 ESA w/ REC's defined or removed

Zoning

Heavy Industrial

Wet Utilities:

- Water & Sewer Capacity 1.0 MGD or greater
- Adequate Fire Flow Capacity & Pressure (200 GPM for 2 hrs)

Dry Utilities:

- Major Power Lines (115 kV or larger) within close proximity
- Major Natural Gas lines within close proximity
- Fiber Optic / Major Telecom within close proximity

Site Development:

- Minimal Karst / Geological Issues
- Minimal Slope issues (generally 10% or less preferred)
- Minimal Rock preferred



GIS Site Development Data



Environmental

Soils Maps

Watersheds

Wetlands / Floodplains

EPA Superfund Sites

Hydrology

Threatened and Endangered Species

Cultural Resources

<u>Infrastructure</u>

Road & Rail Centerlines

Sewer and Water Service

Power and Gas Service Lines

Airports / Ports

Schools / Hospitals

Land Records

Parcel Maps

Building Footprints

Assessments/Valuations

Zoning

County and Municipal Boundaries

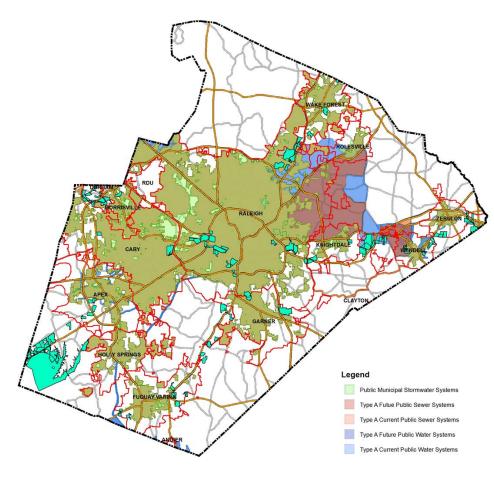
Background Data

High Resolution Imagery

Topography

Risk Profiles

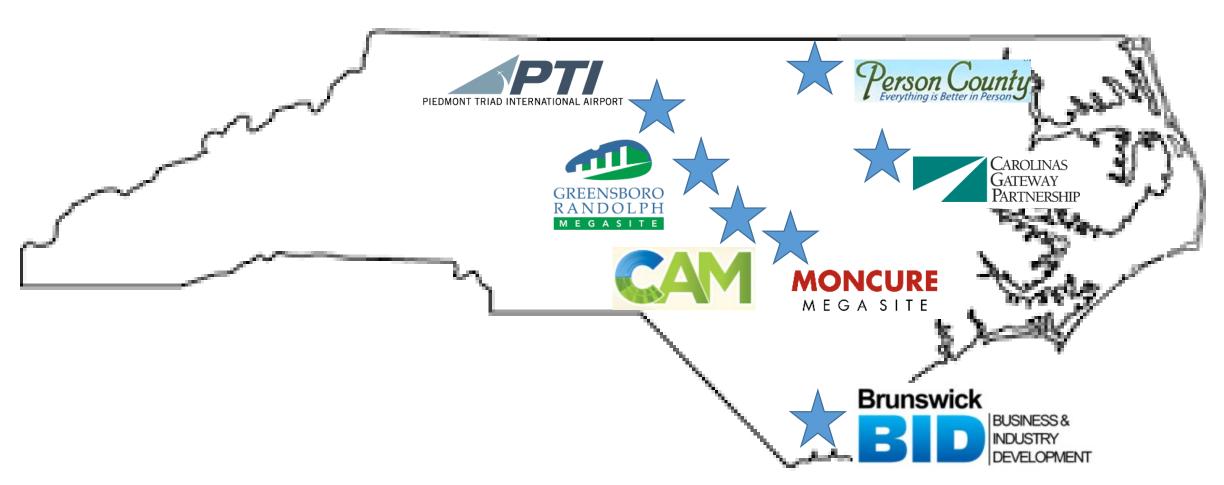
Hurricanes / Tornadoes / Floods Earthquakes / Wild Fires





North Carolina Mega Sites







North Carolina Mega Sites



| Site | Acreage | Certifications |
|---|---------|--------------------|
| Piedmont Triad Airport | 1,000 | |
| Greensboro Randolph Mega-Site | 1,900 | KPMG Certified |
| Chatham – Siler City Advanced Manufacturing (CAM) | 1,802 | NC Certified |
| Chatham – Moncure Mega Site | 2,500 | NC Certified |
| Person County Mega Site | 1,350 | NC Certified |
| Edgecombe – Kingsboro Mega Site | 1,449 | CSX Certified |
| Brunswick – Mid-Atlantic Industrial Rail Park | 1,100 | CSX & NC Certified |
| Brunswick – Industrial Logistics Park | 1,029 | |







