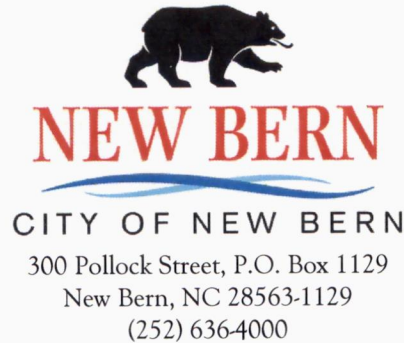


**Aldermen**

Sabrina Bengel  
Jameesha S. Harris  
Robert V. Aster  
Johnnie Ray Kinsey  
Barbara J. Best  
Jeffrey T. Odham



**Dana E. Outlaw**  
Mayor

**Mark A. Stephens**  
City Manager

**MEMORANDUM**

To: Governing Board  
From: Mark A. Stephens, PE, City Manager *ms*  
SUBJ: CITY PROJECTS UPDATE *7/17/18*  
Date: July 16, 2018

The following is an update on City projects currently in progress with the various departments of the City that may be of interest to the Board. New items are represented in **blue**. Please feel free to contact me if you have any questions or need additional details.

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Martin Marietta Park</b>                                     | <ul style="list-style-type: none"><li>o Master plan approved</li><li>o PARTF Grant application submitted; Board meets in August</li></ul>                                                                                                                                                                                                                                                                |
| <b>Munis ERP System</b>                                         | <ul style="list-style-type: none"><li>o Chart of Accounts and FY18 budgets are complete and live in the system</li><li>o Inventory conversion has started</li><li>o Power Users are beginning training</li><li>o Munis has been selected for Utility Billing/CIS implementation to ensure seamless integration with financials and work order system</li><li>o On budget and ahead of schedule</li></ul> |
| <b>HR Recruitment System</b>                                    | <ul style="list-style-type: none"><li>o City has been live for a month and everything is going great. Project complete.</li></ul>                                                                                                                                                                                                                                                                        |
| <b>FY 18 Paving Project</b>                                     | <ul style="list-style-type: none"><li>o Contract has begun; estimated time 6-8 months. Now includes Oaks Road</li></ul>                                                                                                                                                                                                                                                                                  |
| <b>Old Airport Rd</b>                                           | <ul style="list-style-type: none"><li>o 25% engineering plans received</li></ul>                                                                                                                                                                                                                                                                                                                         |
| <b>Water Resources Operations Facility</b>                      | <ul style="list-style-type: none"><li>o Physical move will begin this week</li></ul>                                                                                                                                                                                                                                                                                                                     |
| <b>Ghent Neighborhood Water, Sewer, and Paving Improvements</b> | <ul style="list-style-type: none"><li>o 1300 and 1400 blocks of Spencer Ave complete. Contractor will continue to move west over the next few months.</li></ul>                                                                                                                                                                                                                                          |

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>City Garage Move</b>                       | <ul style="list-style-type: none"> <li>○ Finalized designs; anticipated construction in July once Water Resources Staff moves to Hwy 55</li> </ul>                                                                                                                                                                                                                                                                                      |
| <b>VOLT Center</b>                            | <ul style="list-style-type: none"> <li>○ Contract approved</li> <li>○ Development Services and Craven Community College have met with Volvo and Caterpillar about including diesel training at old City garage</li> <li>○ Discussions in progress to utilize old stormwater building for Community College police simulator</li> </ul>                                                                                                  |
| <b>RR Crossings</b>                           | <ul style="list-style-type: none"> <li>○ N. Craven RR Crossing: Still in negotiation with DOT about best way to deal with Dunn St</li> <li>○ Dunn/National/George – it was agreed early in the project that this would be a “phase two” project after the less complicated improvements were made at the other two locations</li> </ul>                                                                                                 |
| <b>Train Depot Doors and Windows Phase II</b> | <ul style="list-style-type: none"> <li>○ Under construction</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Prepay Program</b>                         | <ul style="list-style-type: none"> <li>○ Included costs of implementation in draft FY19 budget</li> <li>○ Added Alderwoman Harris to pilot group</li> </ul>                                                                                                                                                                                                                                                                             |
| <b>Stormwater Projects</b>                    | <ul style="list-style-type: none"> <li>○ Elizabeth Avenue – Design complete and reviewing options</li> <li>○ Hancock/Middle Streets – Under construction during nighttime hours</li> <li>○ Johnson/King Streets – design under review</li> <li>○ McCarthy/Cardinal – Evaluating through the spring to see if a phase 2 is needed</li> <li>○ Cedar/West/Chapman – drainage assessment complete; looking at additional options</li> </ul> |
| <b>Public Utilities Projects</b>              | <ul style="list-style-type: none"> <li>○ Please see detailed addendum with information and maps regarding AMI and other projects</li> </ul>                                                                                                                                                                                                                                                                                             |

## Public Utilities Addendum

- Advanced Metering Infrastructure Project.** *This involves installing a network of electric and water meters with the necessary infrastructure to remotely read, bill, and control the devices. We are currently reading 9,222 water meters, 19,704 electric meters with 6,438 disconnect meters and 4,460 two-way load management switches installed. We are establishing communication points around the City as required for communications back to the operations center. All of the initial project Gateways are up and running. Project is on track to be completed by December 2018.*

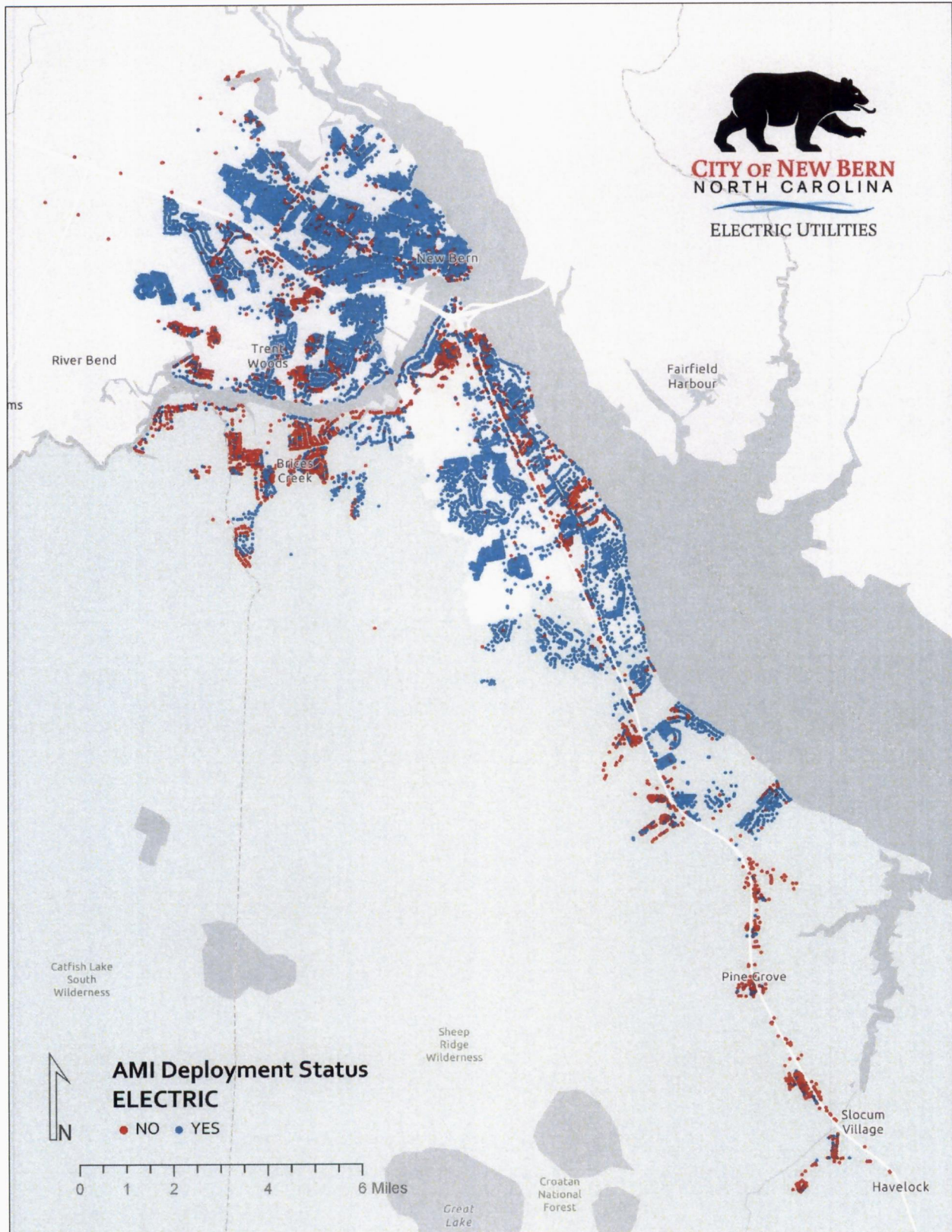
| Current Customers                                                                                                                                                                                                                                         | Type                   | Utility  | Converted to AMI | % Complete |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|------------------|------------|
| 22,887                                                                                                                                                                                                                                                    | Residential/Commercial | Electric | 19,704           | 86.09%     |
| 6                                                                                                                                                                                                                                                         | Large Industrial       | Electric | 0                | 0%         |
| 18,665                                                                                                                                                                                                                                                    | Residential/Commercial | Water    | 9,222            | 49.04%     |
| 13,114 load management customers<br>2,771 AMI customers with 4,460 switches at 21.13% completion<br>40 installed gateways<br>Controlled load management devices:<br>2,783 air conditioners, 52 electric furnaces, 1,322 heat strips, 1,643 water heaters. |                        |          |                  |            |

### Major Projects:



*Everything comes together here.*

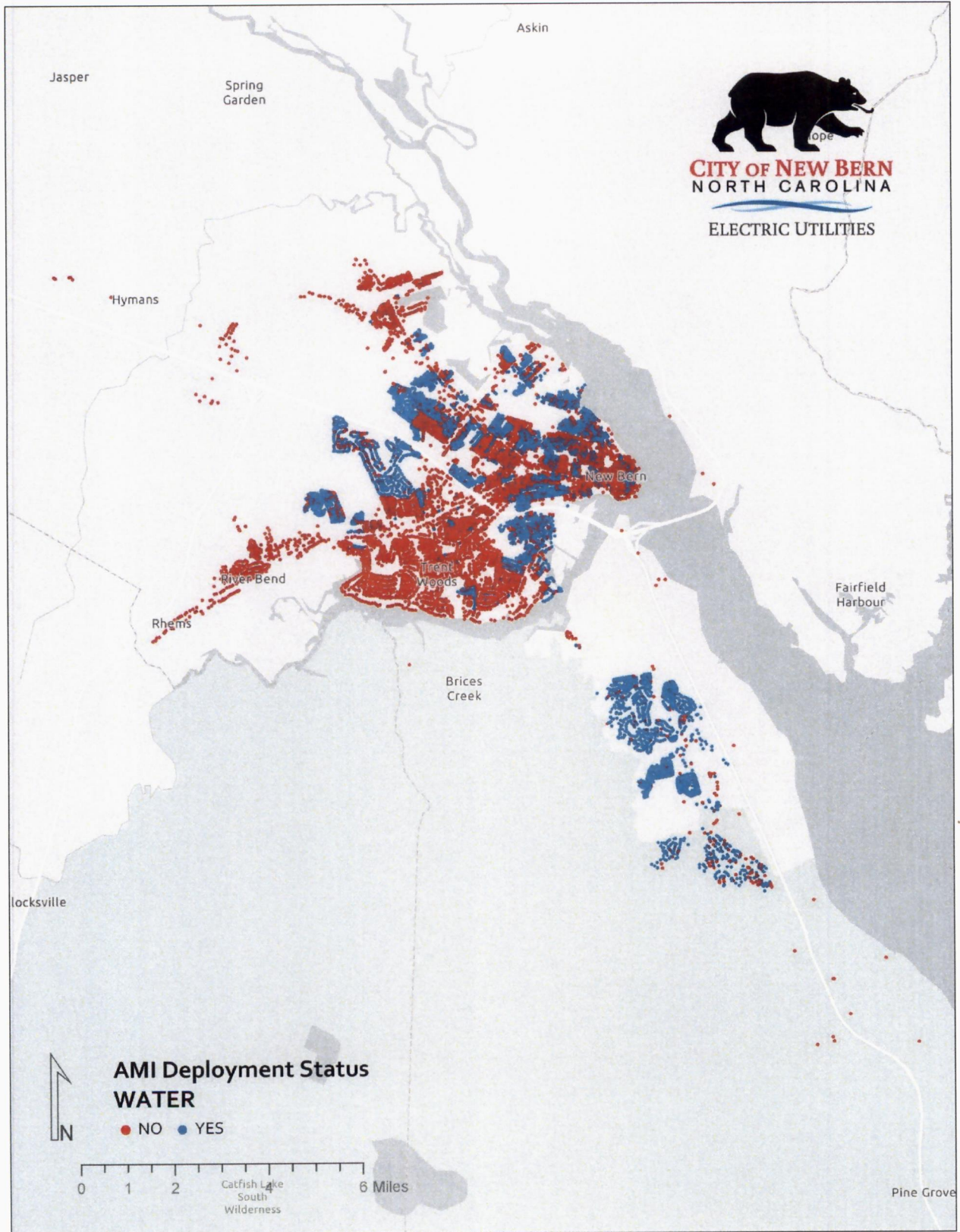




*Everything comes together here.*



Public Utilities Addendum



*Everything comes together here.*