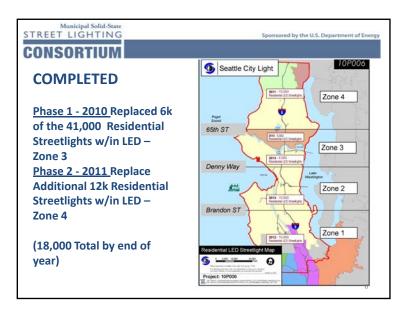


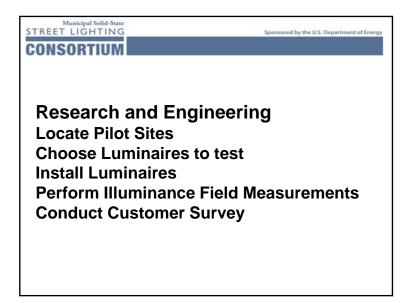


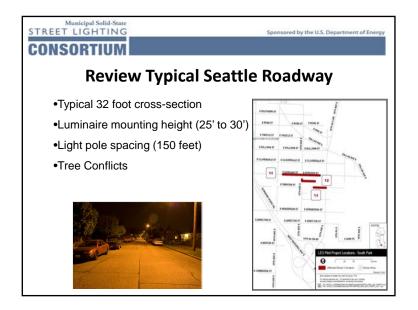
The Plan

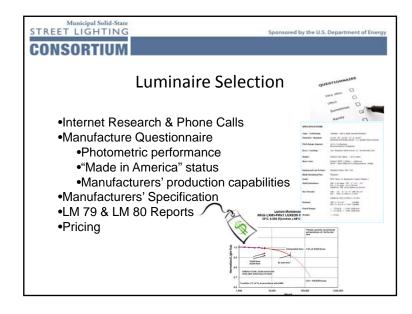
- **Stage 1 -** Replace 41,000 Streetlights on existing poles in Residential areas beginning in 2010
- Projected Cost: \$24 million (\$18 million, actual)
- Acquire Funding:
 - Utility funding | Customer billed
 - \$1 million ARRA EECBG Grant

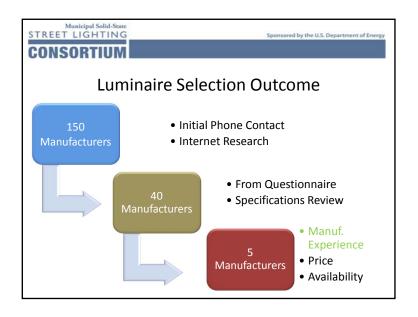
5

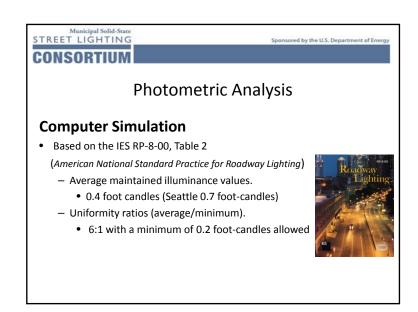


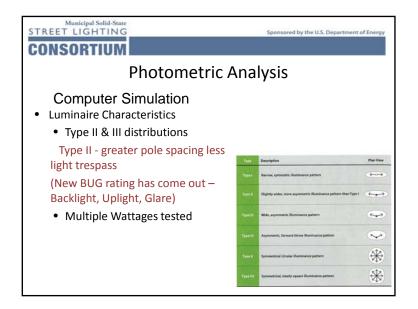


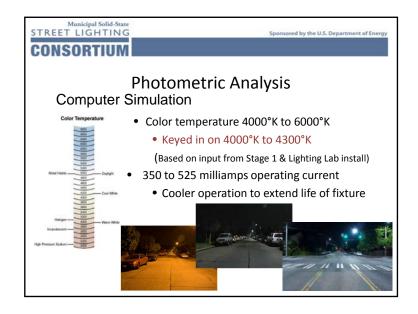


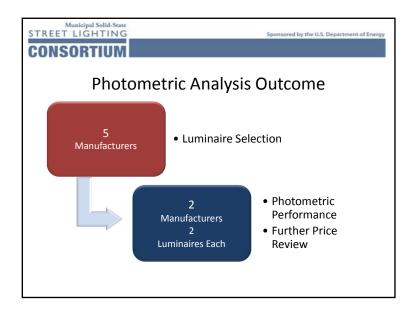


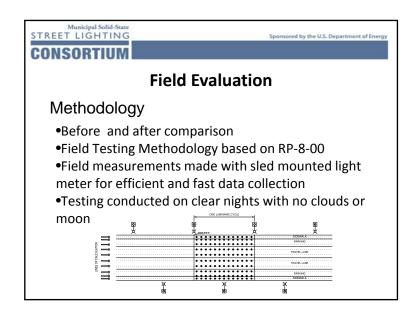


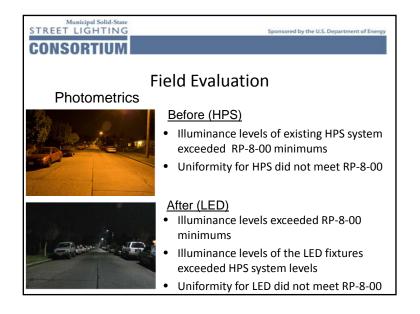


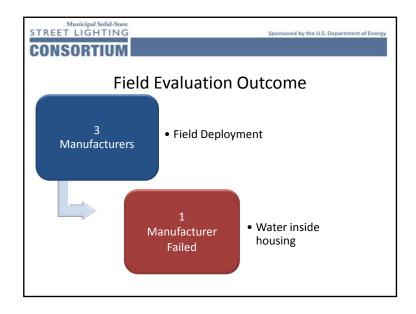


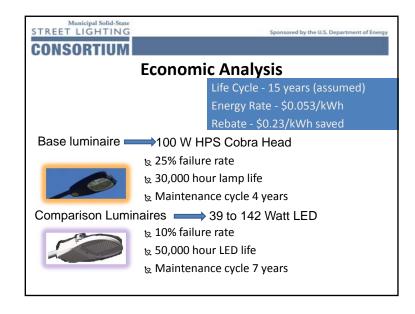


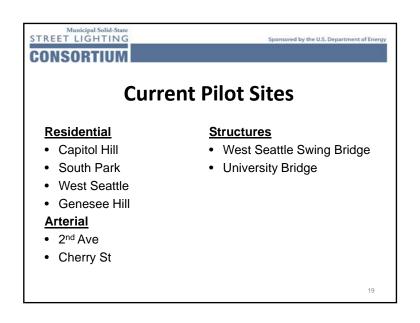


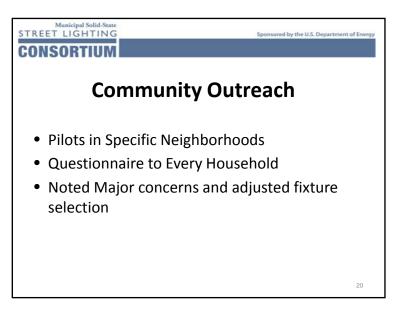




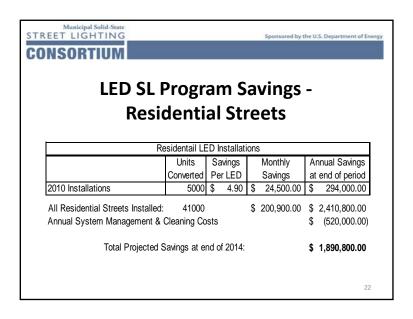


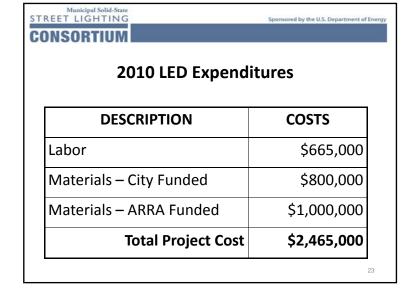


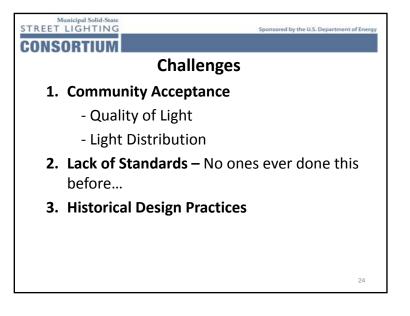














LED Next Steps

- Developed an LED Luminaire Specification
- 2012 Residential LED Conversion 12,000 units
- ARTERIAL PILOTS
 - West Seattle Bridge I-5 to 35th Ave SW (SCL | SDOT | Consortium | PNNL Partnership)
 - 15th Ave NW -NEEA Acuity Study with Clanton Associates and Virginia Tech
 - Belltown including adaptive controls
- Arterial Fixture Selection Initiated in Fall of 2011
- Arterial Conversion Target Begin Year 2013

25



