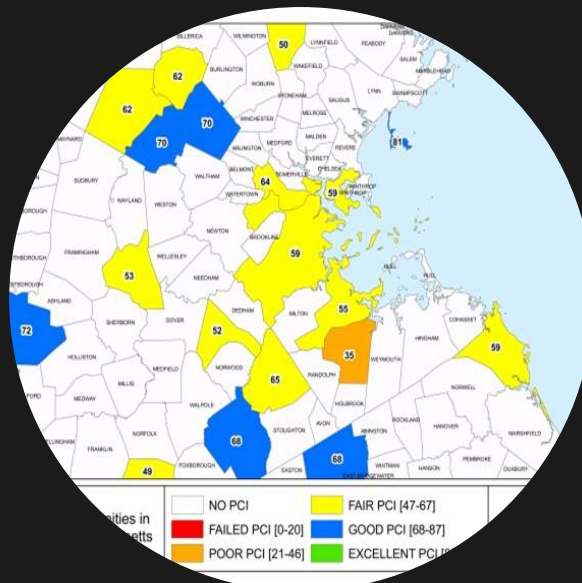


Municipal Pavement Management Update

Town of Spencer, Massachusetts

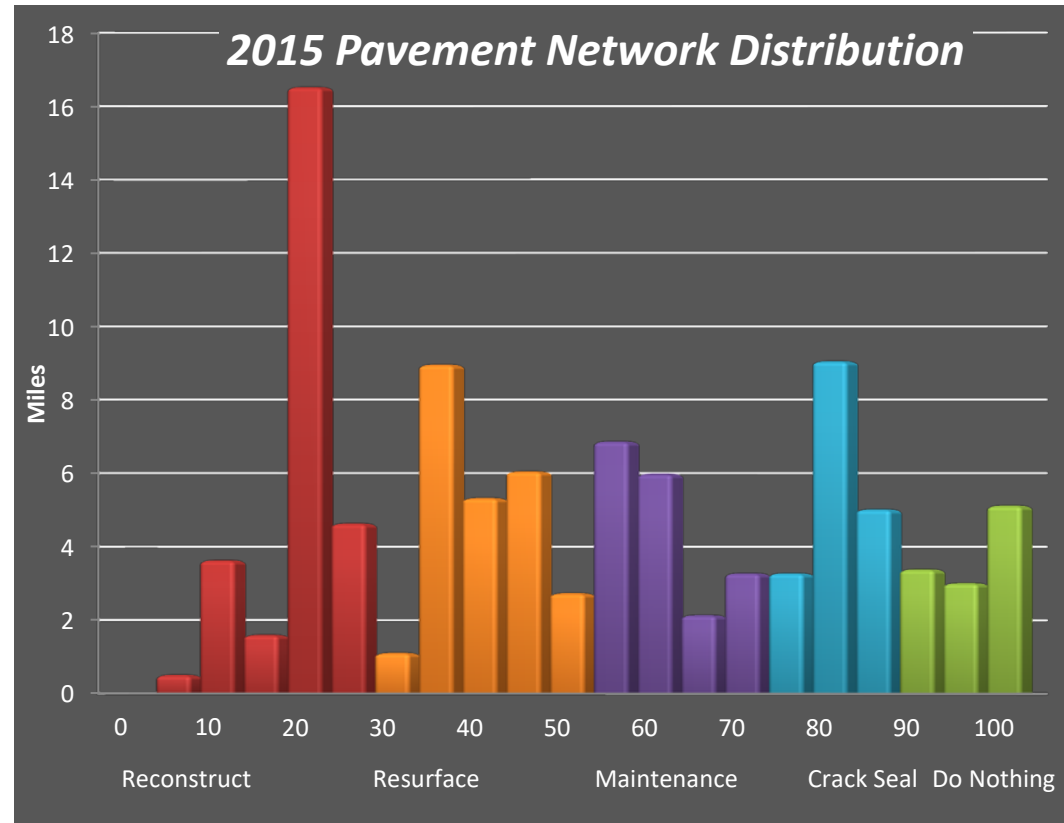
October 19, 2020



Bill Scarpati, Pavement Management Specialist
Bill Krukowski, Superintendent of Utilities and Facilities

Pavement Management Background

- Since 2009 Spencer had growing roadway repair backlog and low average PCI
- 2015 Stakeholders rised and got serious
- Three (3) funding scenarios were presented to the Public in 2016. \$10M, \$19M & \$34M
- \$19M FMPC passed in 2017 to address town-wide deficient bridges, roadways, and drainage
- FMPC construction for program started in Spring of 2018
- Snapshot of Past Pavement Conditions

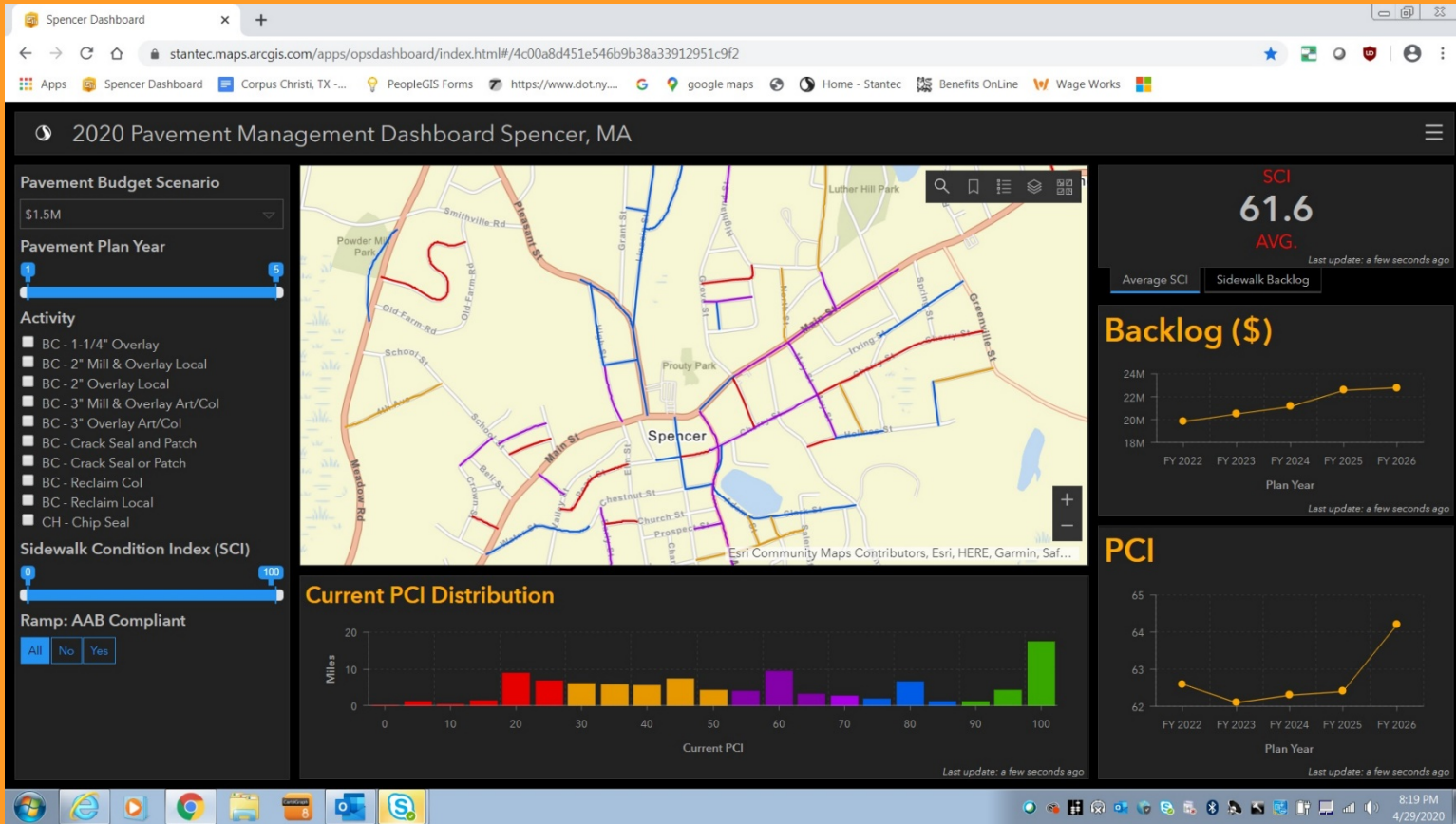


Current Pavement Conditions and Analyses

- 100% roadway survey completed using Stantec's Road Tester 3000 (RT3000)
- Pavement Condition Data inputted into asset management software



Pavement Management Dashboard



Password: Spengu3st

<https://stantec.maps.arcgis.com/apps/opstdashboard/index.html#/4c00a8d451e546b9b38a33912951c9f2>

Recommendations

- **After FMPC Town of Spencer should consider increased roadway funding:**
 - Continue to protect Town's large roadway investment
 - \$1.0M/Yr. for 6 years, or \$1.5M/Yr. for 3 years to continue improving Town-wide pavement conditions
- **Practice Routine and Preventative Maintenance:**
 - Crack Seals - The Town should spend at least \$50k/year on a crack sealing program
 - Chip Sealing – Single chip program to preserve surface
- **Continue Pavement Management:**
 - Pavement is on going process – setting goals, monitoring and tracking performance

Questions?