# CONNECTED COMMUNITY
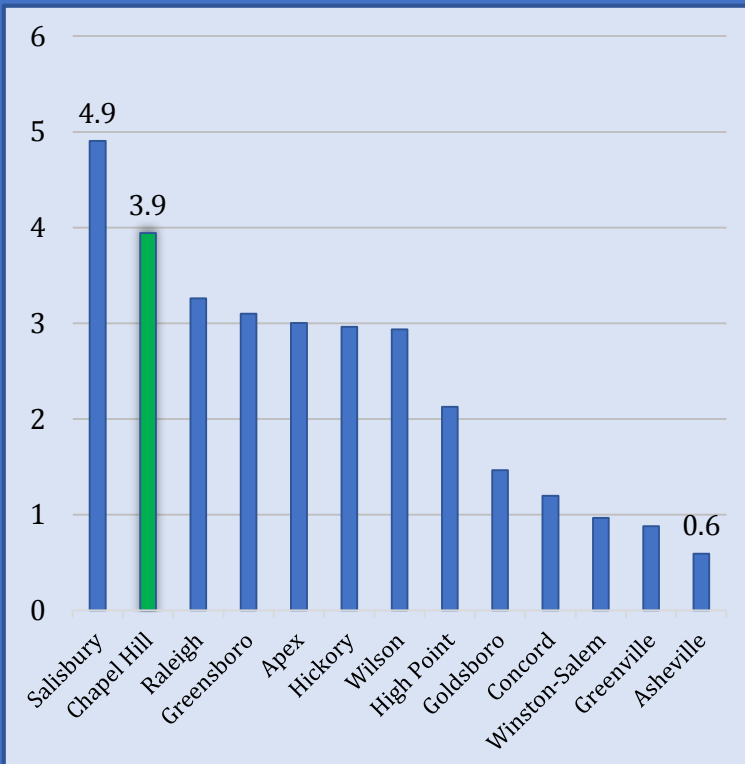## DRAFT QUARTERLY PROGRESS REPORT

## OUR GOAL

*To create a highly connected community where bicycling, walking, and transit are convenient, everyday choices for our neighborhoods, businesses, and public spaces.*
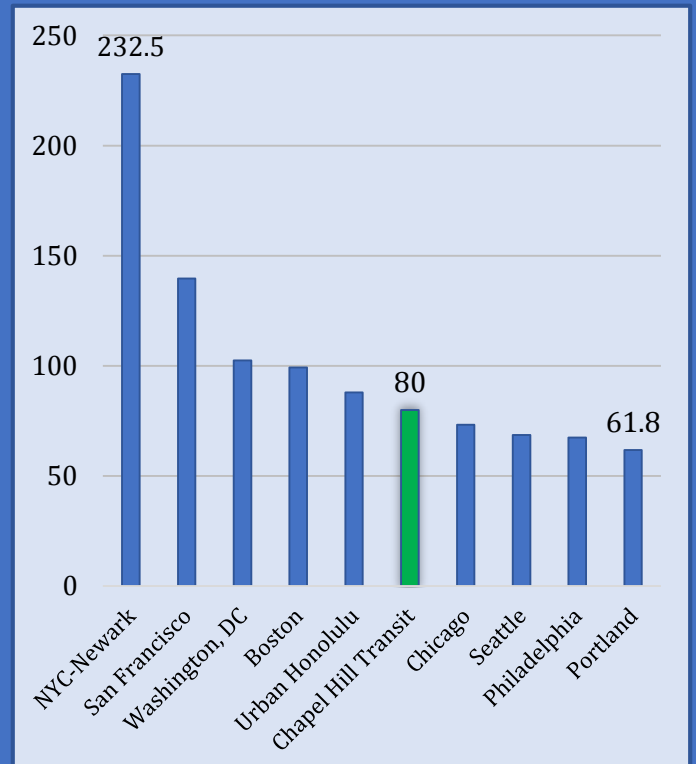
## COMMUNITY INDICATORS

**29%** △

of residents bike, walk, or use public transit to get to work

**37.8** △

miles of greenways and roads with bike facilities

**78%** ▽

of Town streets are in "fair" condition or better

**32,325** △

people traveling on our greenways this quarter

**68%** △

of community satisfied with availability of greenways

**38,827** ◁▷

people commute daily to Chapel Hill from outside of Town.

**2,563** ◁▷

cars parking downtown per day on average this quarter

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**Miles of Greenways/Trails per 10,000 Population**
**North Carolina Benchmarks**



| Location | Value |
|---|---|
| Salisbury | 4.9 |
| Chapel Hill | 3.9 |
| Raleigh | |
| Greensboro | |
| Apex | |
| Hickory | |
| Wilson | |
| High Point | |
| Goldsboro | |
| Concord | |
| Winston-Salem | |
| Greenville | |
| Asheville | 0.6 |

**Public Transit Ridership per Capita**
**US Metro Area Benchmarks**



| Location | Value |
|---|---|
| NYC-Newark | 232.5 |
| San Francisco | |
| Washington, DC | |
| Boston | |
| Urban Honolulu | |
| Chapel Hill Transit | 80 |
| Chicago | |
| Seattle | |
| Philadelphia | |
| Portland | 61.8 |

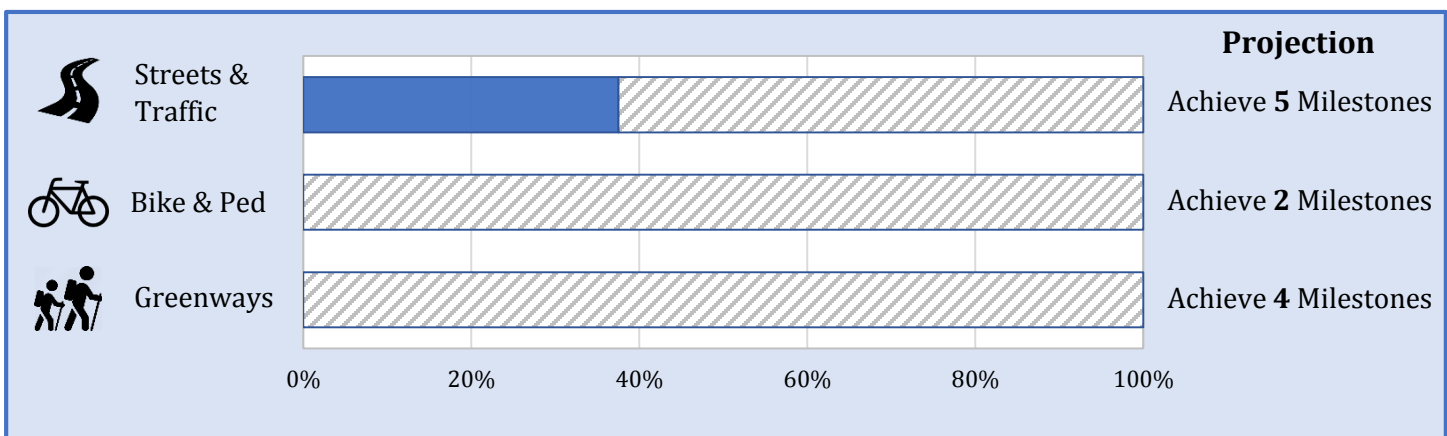*Year-to-Date Metrics on Streets, Traffic, Bike and Ped, and Greenways Activities*

| Streets & Traffic | Bike & Ped | Greenways | Total |
|---|---|---|---|
| **X**<br>service requests | **X**<br>service requests | **X**<br>service requests | **X**<br>service requests |
| **X%**<br>of service requests resulting in improvements | **X%**<br>of service requests resulting in improvements | **X%**<br>of service requests resulting in improvements | **X%**<br>of service requests resulting in improvements |

*Year-to-Date Progress Towards FY19 Project Milestones on Capital Projects that build Connected Community*

| | | Projection |
|---|---|---|
| Streets & Traffic | | Achieve **5** Milestones |
| Bike & Ped | | Achieve **2** Milestones |
| Greenways | | Achieve **4** Milestones |

*FY19 Q1 Connected Community Forecast:*
*2015 Bond Cashflow Projection on Capital Projects that build Connected Community*

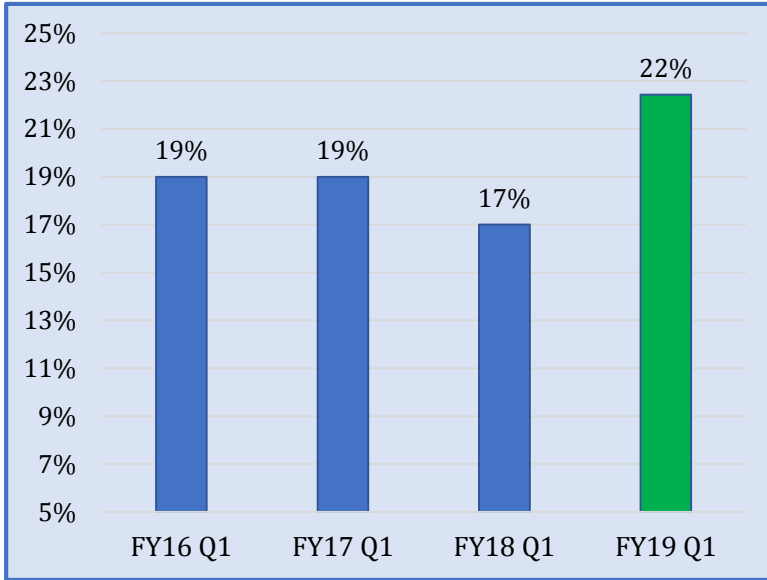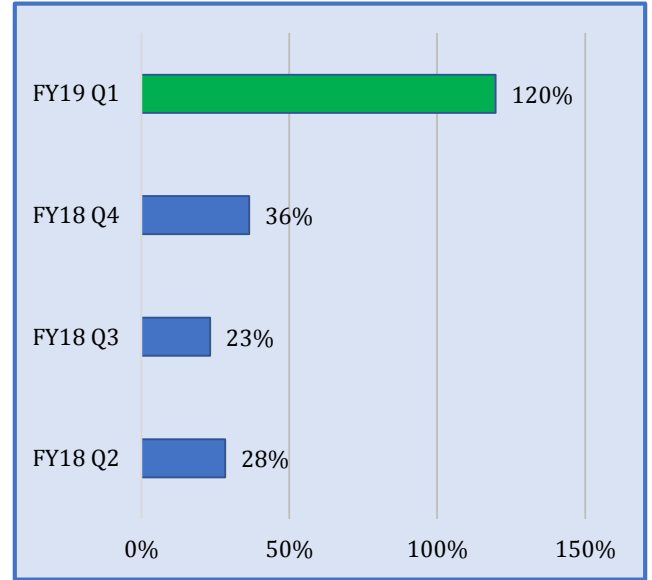Legend: Greenways, Small Traffic, Sidewalks, Bike & Ped, Street Infrastructure
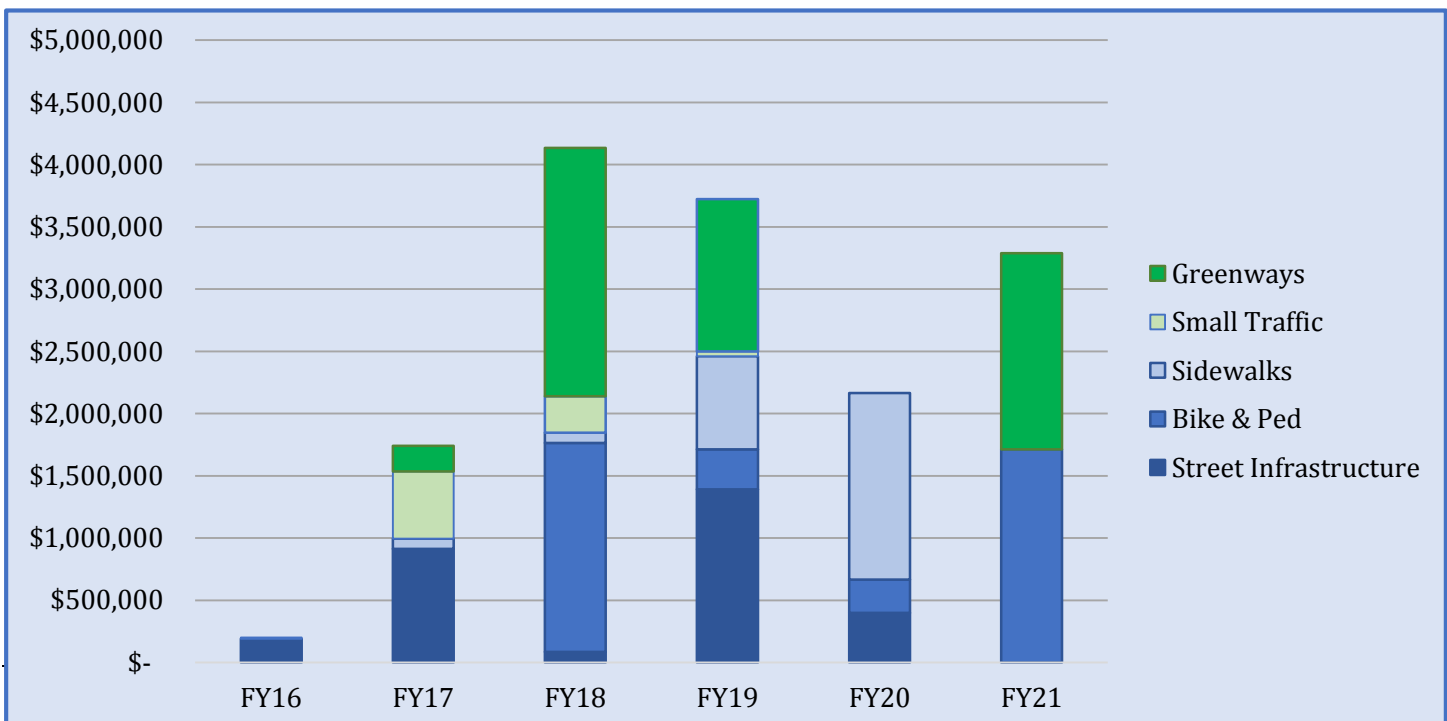
*Metrics on Parking Services*

### Parking Revenue Trend
### Percent of Projected Revenue Received as of FY Q1

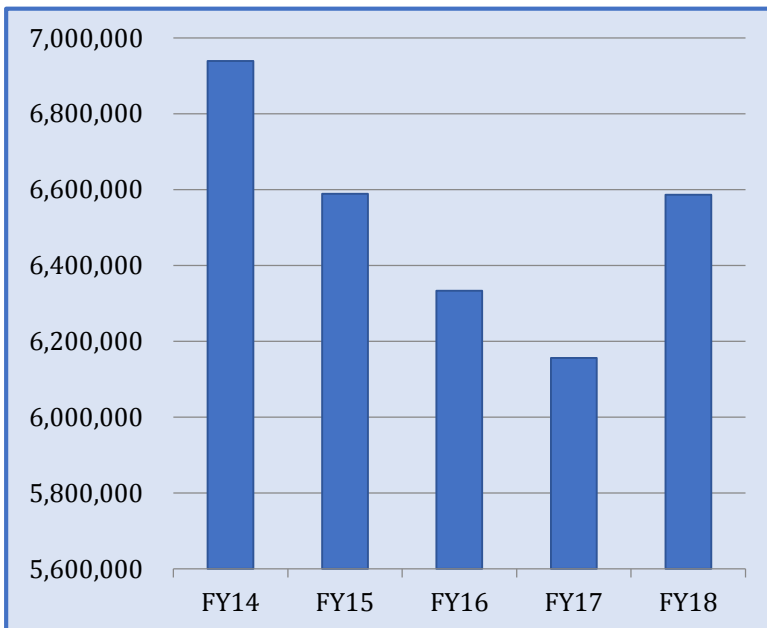| Quarter | Percent |
|---------|---------|
| FY16 Q1 | 19% |
| FY17 Q1 | 19% |
| FY18 Q1 | 17% |
| FY19 Q1 | 22% |

### ParkMobile App Usage Trend
### Quarter over Quarter Growth

| Quarter | Growth |
|---------|--------|
| FY19 Q1 | 120% |
| FY18 Q4 | 36% |
| FY18 Q3 | 23% |
| FY18 Q2 | 28% |

*Metrics on Chapel Hill Transit*

### Chapel Hill Transit Ridership

| Year | Ridership |
|------|-----------|
| FY14 | ~6,940,000 |
| FY15 | ~6,590,000 |
| FY16 | ~6,335,000 |
| FY17 | ~6,155,000 |
| FY18 | ~6,585,000 |

### Environmental Footprint Trend
### Carbon Dioxide Emissions in Metric Tons over Time
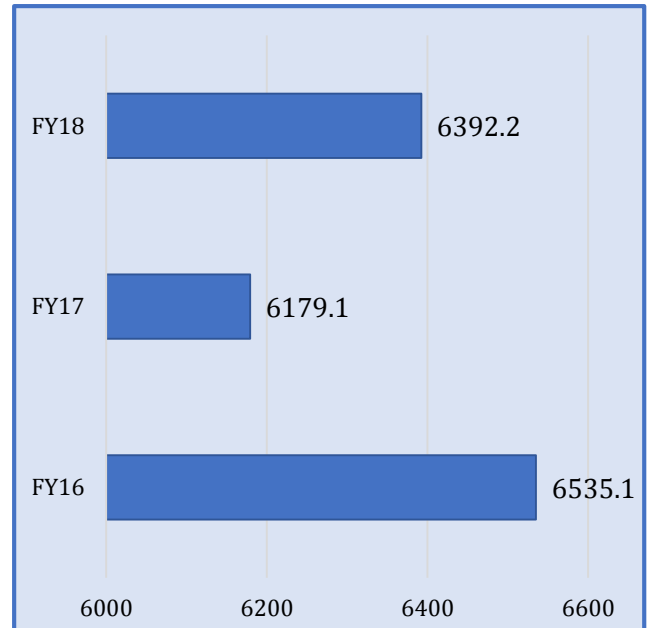
| Year | $CO_2$ Emissions (Metric Tons) |
|------|-------------------------------|
| FY18 | 6392.2 |
| FY17 | 6179.1 |
| FY16 | 6535.1 |

| | Strategic Projects | Notes | Status |
|---|---|---|---|
| **Streets & Traffic** | | | |
| | Develop Connected Community report and traffic dashboard | • | |
| | Biennial traffic signal study | • | |
| | Targeted Traffic Calming | • | |
| | Conduct Blue Hill Transportation Impact Analysis | • | |
| | Holistic Evaluation of Existing Traffic Impact Analysis Processes and developing options for the Future | • | |
| | Public-private partnerships to implement projects through the development review | • | |
| | Extending Elliott Rd. from Fordham to Ephesus Church (Design) | • | |
| | Friday Center Drive Reconstruction | • | |
| | Hillsborough St. Reconstruction | • | |
| | Assess street conditions | • | |
| | Identify opportunities for street reconfiguration | • | |
| | Annual Resurfacing Plan Implementation | • | |
| | Respond to resident concerns/inquiries | • | |
| **Bike - Ped** | | | |
| | Work to incorporate recommendations of the Greenways Master Plan into the Mobility Plan | • | |
| | Examine Town complete streets policy | • | |
| | Explore bike-ped wayfinding program | • | |
| | Road to Zero Pedestrian Safety Initiative | • | |
| | Conduct Downtown Streets and Sidewalks Study | • | |
| | Downtown Alley Renovations | • | |
| | Downtown Streetscape (W. Franklin St., Merritt Mill Rd, Roberson St, Graham St.) | • | |
| | Estes Drive Bike/Ped MLK to Caswell (construction) | • | |
| | Estes Drive Ext. Bike/Ped MLK to Carrboro (design) | • | |
| | Old Durham Chapel Hill Road Bike/Ped | • | |
| | Seawell School Road Sidewalk | • | |
| | Ephesus Church Road Sidewalk | • | |

| | Strategic Projects | Notes | Status |
|---|---|---|---|
| 🚲 | Homestead Road Sidewalk | • | |
| **Parking** | | | |
| 🅿️ | Management of current and expanded parking inventory | • | |
| 🅿️ | Install and activate Smart City parking technology | • | |
| 🅿️ | Complete necessary Wallace Deck repairs | • | |
| 🅿️ | Implement Selected Improvements from Parking Study | • | |
| 🅿️ | Create Downtown Ambassador Program | • | |
| **Transit** | | | |
| 🚌 | Chapel Hill Transit Service Development Plan | • | |
| 🚌 | Chapel Hill Transit Memorandum of Understanding | • | |
| 🚌 | Coordinate with GoTriangle and others in local and regional transportation planning efforts | • | |
| 🚌 | North-South Bus Rapid Transit – Project Development | • | |
| 🚌 | Short Range Transit Plan | • | |

## Notes & Citations

- *Community Indicators Section.* The yellow arrows in the community indicators section indicate whether the metric has gone up or down compared to the last data reporting period.
  - ▲ : the trend for the metric is on the rise since the last data reporting period
  - ▼ : the trend for the metric is falling since the last data reporting period
  - ◀▶ : the trend for the metric is relatively flat, neither rising or falling, or historical data is unavailable

- *Percentage of residents who bike, walk, or use public transit to get to work.* The data source for this metric is the American Community Survey, which is managed by the US Census Bureau. The Town's Mobility & Connectivity Plan, adopted by Council in 2017, established a goal to reach 35% of residents who bike, walk, or use public transit to get to work by 2025.

- *Number of miles of greenways and roads with bike facilities.* The data source for this metric is multiple Town departments and uses centerline miles. Bike facilities include bike lanes and buffered bike lanes. They do not include bike sharrows.

- *Percent of Town streets in fair condition or better.* The data source for this metric is the Street Pavement Condition Survey, which is managed by the Institute for Transportation Research and Education based in Raleigh. According to the North Carolina Benchmarking Project, the Town of Chapel Hill ranks seventh out of thirteen participating NC municipalities in average pavement rating. This metric only refers to Town-maintained roads and does not include roads that are maintained by the North Carolina Department of Transportation.

- *Number of people traveling on our greenways this quarter.* The data source for this metric is the Town's pedestrian counters on the Town's greenways. This metric only includes data from Bolin Creek Trail and Meadowmont Trail, as these are the only trails with pedestrian counters at this time.

- *Percent of community satisfied with availability of greenways.* The data source for this metric is the Town's Community Survey, managed by the ETC Institute.

- *Number of people commuting daily to Chapel Hill from outside of Town.* The data source for this metric is the US Census Bureau. The trend for this metric has been relatively static for the past five years.

- *Number of cars parking downtown per day on average this quarter.* The data source for this metric is the Town's parking management software, which collects data from the Town's parking meters and the ParkMobile app. This software came online this past quarter, so historical trend data is not available.

- *Miles of Greenways/Trails per 10,000 Population – NC Benchmarks.* The data source for this metric is the [North Carolina Benchmarking Project](#), which is managed by the UNC School of Government. There are approximately 15 municipalities that participate in this project, including the Town of Chapel Hill.

- *Public Transit Ridership per Capita – US Metro Area Benchmarks.* The data source for this metric is the 2017 American Public Transportation Association Fact Book.

- *Year-to-Date Metrics on Streets, Traffic, Bike and Ped, and Greenways Activities*. The data source for this metric is See-Click-Fix, the Town's work order management software that tracks service requests submitted by residents to Town staff.

- *Year-to-Date Progress Towards FY19 Project Milestones on Capital Projects.* The data source for this metric is E-Builder, the Town's capital project management software. This chart only contains information on capital projects that build connected community and does not include other capital projects. This includes streets and traffic projects, greenways projects, and bike-ped projects.

- *FY19 Q1 Connected Community Forecast: 2015 Bond Cashflow Projection on Capital Projects that build Connected Community.* The data source for this chart is MUNIS, the Town's ERP system. This chart only contains information on Town capital projects that are financed by the 2015 Bond referendum and build connected community. This includes streets and traffic projects, greenways projects, and bike-ped projects.

- *Parking Revenue Trend – Percent of Projected Revenue Received as of FYQ1.* The data source for this chart is MUNIS, the Town's ERP system, and only contains information on the Town's parking fund. This chart shows revenue received as a percent of budget at the close of quarter 1 since FY16.

- *ParkMobile App Usage Trend – Quarter over Quarter Growth.* The data source for this chart is the Town's parking management software and only contains data on the usage of the Town's mobile parking application. This chart shows the quarter-over-quarter usage of the app.

- *Chapel Hill Transit Ridership.* The data source for this chart is the Chapel Hill Transit department.

- *Environmental Footprint Trend – Carbon Dioxide Emissions in Metric Tons over Time.* The data source for this metric is the Chapel Hill Transit department and the EPA Climate Leadership Calculator.

- *Connected Community Work Plan.* The legend for the green/yellow/red light project tracker is the following:
  - ✓: The project has been completed
  - Green: The project is on track to meet its original project scope and schedule
  - Yellow: The project has been delayed in meeting its original project scope and schedule
  - Red: The project has stalled and will not meet its original project scope and schedule