

# Data & Mapping Monthly Report

## Community Advisory Committee

April 2, 2018



Mid-Ohio Regional  
Planning Commission

# Stanford Digital Cities Summit

2018 Digital Cities Summit

GPC Disruptive Technology and Digital Cities



February 26 & 27, 2018  
Stanford University



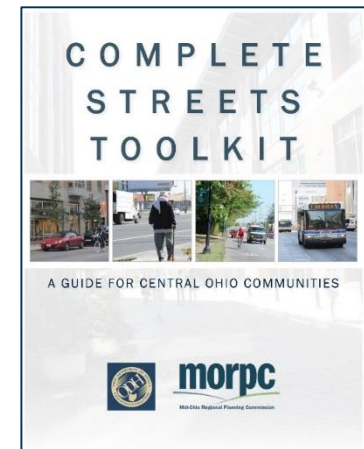
# Smart Region Task Force

## Project Charter Overview

- Our opportunity: Proactively integrate Smart strategies into our planning and funding processes
- Proposed Deliverables
  - Smart Streets Policy
    - MORPC's dollars
  - Crosswalk: MORPC's Smart Region Policy Playbook
    - MORPC's work
  - Smart Region Resource Guide
    - MORPC's members

## Bylaws Overview

- Duration: 18-24 months
- Emphasis: Local communities (2/3 of TF members)
- Membership appointed by MORPC Executive Director



## Smart Region Task Force Member Survey

- **What “Smart Cities” technology or opportunity holds the greatest opportunity for Central Ohio?**
  - Mobility Enhancements
  - Infrastructure Investment
  - Data generation, Collection, and Analysis
- **What is your biggest question or concern related “Smart Cities” technologies?**
  - Implementation strategies
  - Defining “Smart”
  - Regional Inclusion
- **What is one thing your community has done or is doing to prepare for technological advancements?**
  - Planning for technological advancements
  - Expanding, improving, and/or installing a broadband infrastructure (i.e. fiber)
  - Looking for help to make the right decisions

## Smart Region Task Force Online Resource Library

- [Smart Region Glossary of Terms](#)
  - Lists & defines common terms related to smart cities initiatives and technologies
  - Intended to be a living resource – MORPC staff will continue adding terms to the glossary as they arise
  - What additional terms should we include?
- [Smart Region Library](#)
  - Must read articles
    - Forces of Change: The Future of Mobility – Deloitte Insights
    - Principles for Autonomous Vehicle Policy – American Planning Association



# Smart Columbus Operating System

**SM  
RT**  
COLUMBUS

# SMART COLUMBUS OPERATING SYSTEM



## ENABLING TECHNOLOGIES

Connected Vehicle  
Environment

## ENHANCED HUMAN SERVICES

Multi-Modal & Common  
Payment System

Smart Mobility Hubs

Mobility Assistance

Prenatal Trip Assistance

Event Parking Management

## EMERGING TECHNOLOGIES

Connected Electric  
Autonomous Vehicle

Truck Platooning

PROGRAM MANAGEMENT TOOLS & DELIVERABLES



# The Tracks – Primary Objectives

## Data Stories

- Identify use cases for data to solve community challenges & continue to make the city smarter
- Understand the data available to make the SCOS richer

## Technical

- Architecture & Design plans for extending the SCOS
- Metadata Management Plan
- Security Design
- DevOps

## Policy

- Develop necessary policies to govern the SCOS
- User Policies
- Data Sharing
- Data Standards
- Liability
- Monetization

## Productization

- Sustainability model for supporting the SCOS
- Offsetting cost for data management
- Revenue generation for value-add data
- Subscription services



# Data Public Policy Update

## Digital Infrastructure Legislative Briefing

- Meeting to provide information and solicit input from MORPC members on several digital infrastructure bills currently before the Ohio Legislature
- Jointly hosted by the Regional Data Advisory Committee, Public Policy Roundtable, and Smart Region Task Force
- Legislation discussed:
  - House Bill 3 – Data Ohio Bill
  - House Bill 281 – Residential broadband expansion program
  - House Bill 378/Senate Bill 251 – Ohio Broadband Development Grant Program
  - House Bill 478 – Small cell wireless facilities in the public ROW
  - New Federal Communications Commission order on 5G deployment



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