

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



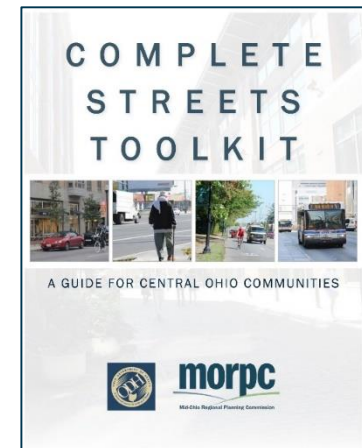
Smart Region Task Force

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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