YOUNGSTOWN SMART² NETWORK

SMART²

STRATEGIC
SUSTAINABLE
TRAINING
TECHNOLOGY
RECREATIONAL
RESIDENTIAL
ARTS
ACADEMIC
MEDICAL
MANUFACTURING

EASTGATE Regional Council of Governments
MERCYHEALTH
YOUNGSTOWN BUSINESS INCUBATOR
THE CENTER YOUNGSTOWN
Youngstown State University
Eastern Gateway Community College
Mill Creek Metroparks
WRTA
THE PROBLEM

Considered a shrinking city, Youngstown has lost jobs, population and industrial base. Today the community envisions a new city which is smaller, with a different economic foundation.

Existing transportation infrastructure was built for a bigger city with different needs, resulting in:

- Too much vehicular capacity exacerbates operation and maintenance costs
- Current conditions do not support pedestrian and bicycle safety
- Poor support for pedestrians - limited sidewalks and ADA issues
- Almost no bike mode options
- Limited transit options and no city center circulator

The existing urban development pattern has less density:

- Extensive demolition of abandoned buildings
- New investment has a lower density and its separation diminishes the effectiveness
- New infill development has not replaced all that was lost
- Appearance of decline in spite of recent investments

DISCONNECTED AND INWARD FACING INVESTMENT
THE SOLUTION

The Youngstown SMART2 Network will connect Strategic & Sustainable, Medical & Manufacturing, Academic & Arts, Residential & Recreational, Technology & Training centers in the heart of the Mahoning Valley region, by enhancing mobility, improving safety, and integrating technology into a modern and efficient multimodal transportation system in Downtown Youngstown that responsive to adaptive to the needs of current and future users.

SMART2 will incorporate improved pedestrian and bicycle facilities, autonomous transit shuttles, transit waiting environments, green infrastructure, streetscaping, and wayfinding connecting major regional destinations that include Youngstown State University, Mercy Health, Youngstown Business Incubator, Eastern Gateway Community College, and WRTA Federal Station.
CONCEPT 2A – UPDATED GATEWAY AND MODIFIED PATTERNING ON SIGN BACKS

DOWNTOWN YOUNGSTOWN // WAYFINDING PROGRAM    CONCEPT DESIGN
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CHARACTER REFERENCE IMAGES

Complete Street
Shared Use Path with Bio-retention Cells
Corridor Intersection Enhancement
Gateway Sculpture
Typical Transit Mini-Hub
Corridor Signage

6" square poles
Breakaway mounting
3'-6"
3'-2"
12'-1"
2"
5 1/2 "
4 5/8 "
2 7/8 " Cap Ht.
T1 D

SPONSORED BY

One Line Name
Second Line Name

SPONSORED BY

One Line Name
Second Line Name

B2 - A
B2 - D
EXISTING (LOOKING NORTH)

PROPOSED (LOOKING NORTH)
Section Notes:
1. Traffic lanes will be narrowed and re-striped as a shared lane.
2. Sharrows will support bike connection between Fifth and South Ave.
3. Parking lanes will be narrowed
4. Street trees and lighting will be added within the amenity strip.
**Section Notes:**
1. East portion of Commerce will include 5’ bike dedicated lanes.
2. Support bike continuity between Fifth Ave and South Avenue
3. On-street parking is not incorporated due to building setbacks
4. Median will reduce perception of expansive vehicular zone
Section Notes:
1. Angled parking will be eliminated to improve safety and increase space for the pedestrian zone, outdoor dining, shopping, etc.)
2. Landscape bumpouts incorporated for parking protection and shortened pedestrian crossings
3. Dedicated bike lanes added inside parallel parking to support bicycle connection from South Ave to Spring Commons Bridge.
Section Notes:
1. Remove two traffic lanes and replace with dedicated bike lanes and turn lane/median.
2. Widened sidewalks along the campus side of Fifth Ave.
3. Dedicated bike lanes to support connection between YSU campus, downtown, and Metroparks
**Section Notes:**
1. Remove two vehicular traffic lanes.
2. Bidirectional and buffered bike lane to support recreational connection along the Amphitheater and to the Metroparks.
3. Added on-street parking along north side.
4. On-street parking lane to transition to landscaped bumpout at east end near courthouse.

**EXISTING (LOOKING WEST)**

**PROPOSED (LOOKING WEST)**
EXISTING  (LOOKING SOUTH)

PROPOSED (LOOKING SOUTH) - Image excerpted from MKSK/MS Consultants Amphitheater Master Plan
Commerce Street Perspective Rendering

Proposed

Existing

YOUNGSTOWN