Public Input Meeting

October 5th, 2011

Walnut Ave. / Cherry Ave.
"Complete Streets" Improvement Project
STA-SR43-12.64, PID 91592, GP 1153

EST. 1805 CANTON, OHIO

SARTA
Stark Area Regional Transit Authority
www.SARTAonline.com

STARK PARKS
Stark County Park District

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

Project Sponsors

Project Administration Team

Overall Project Development - Canton City Engineering Dept. (330-489-3381)

- Dan Moeglin – City Engineer
- Nick Loukas – Traffic Engineer
- Eduardo Molina – Project Manager

Design Consultant – Hammontree & Associates

- Barb Bennett - Project Principal
- Karl Oprisch – Project Manager

Technical and Financial Oversight – ODOT

- Jon Hunt – Project Manager
- Brian Peck – Project Environmental Coordinator

Technical and Financial Oversight – SARTA

- Kirt Conrad – SARTA Director
- Doc Todd – Transportation Planning Administrator

Bike Trail/Lane Master Plan Coordination – Stark Parks

- Bob Fonte – Director
- Sarah Buell – Project and Administration Manager

Project Background

Making Canton a

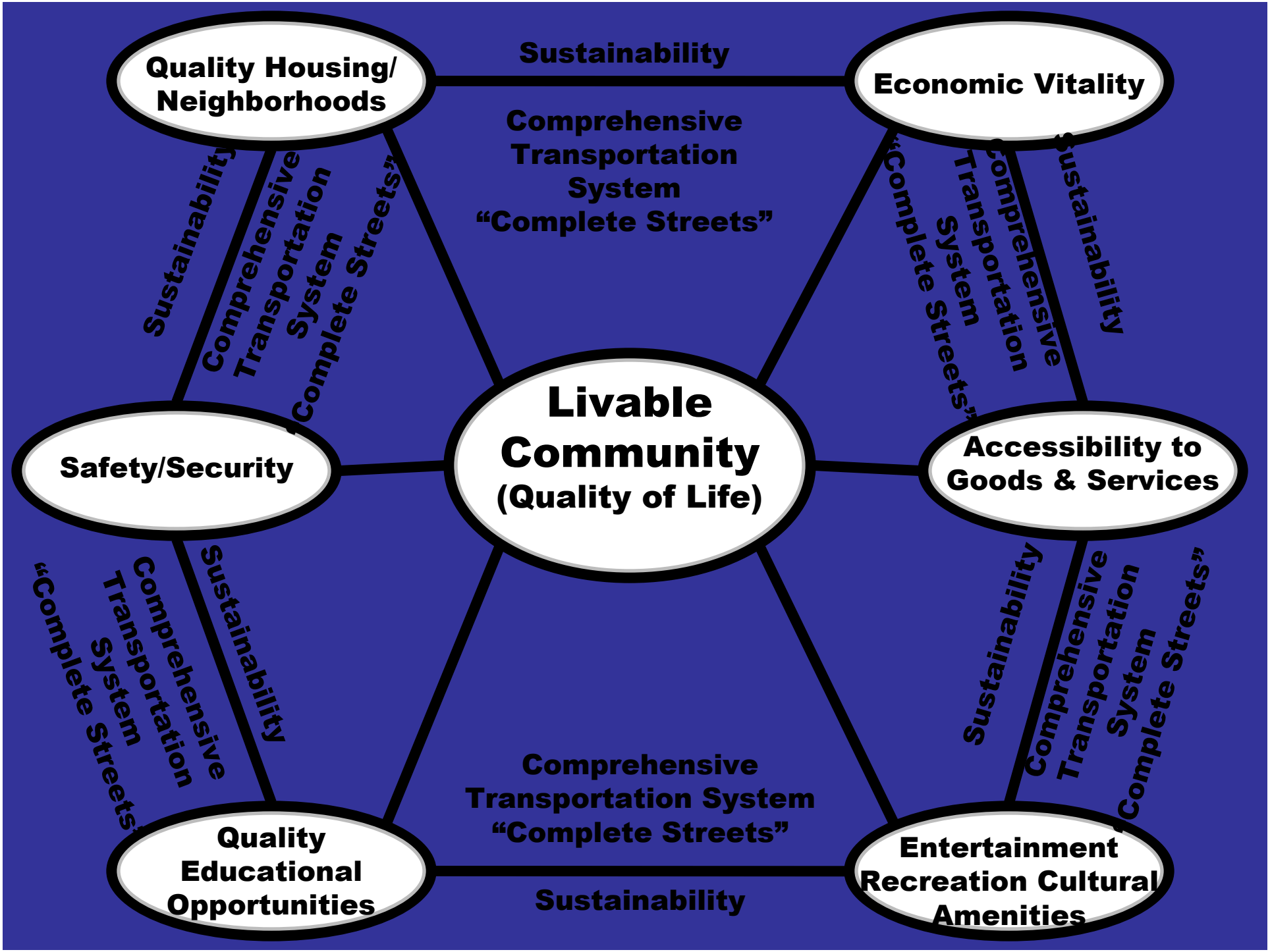
"Livable Community"

through

Sustainable Living

and

Complete Streets Design


Quality Housing/ Neighborhoods
Sustainability
Economic Vitality
Comprehensive Transportation System "Complete Streets"
Sustainability
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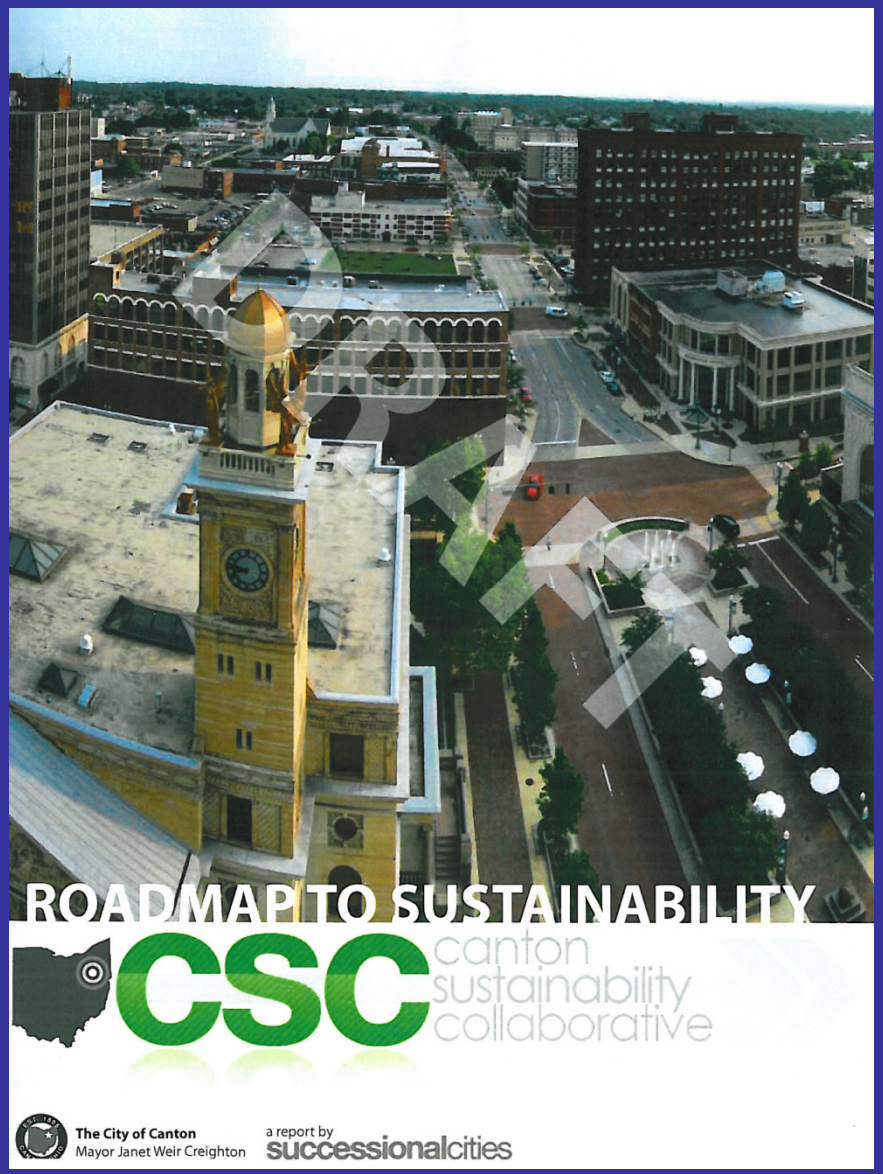
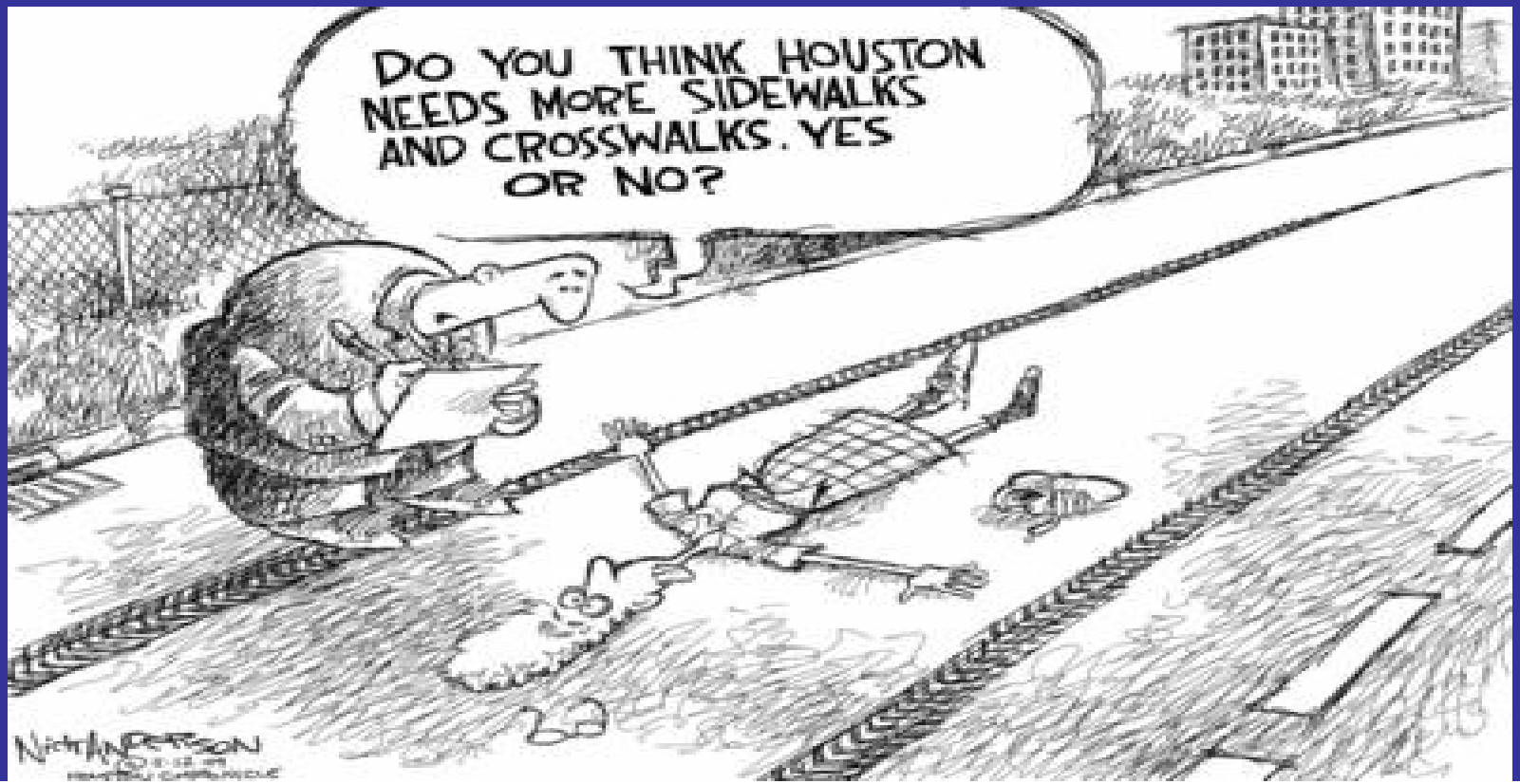
Sustainability
Comprehensive Transportation System "Complete Streets"
Livable Community (Quality of Life)
Safety/Security
Accessibility to Goods & Services
Sustainability
Comprehensive Transportation System "Complete Streets"
Sustainability
Comprehensive Transportation System "Complete Streets"
Comprehensive Transportation System "Complete Streets"
Quality Educational Opportunities
Sustainability
Entertainment Recreation Cultural Amenities

Sustainability



Land Use
Housing
Energy
Transportation
Water
Waste

What are Complete Streets and why do we need them anyway?



Complete Streets Definition:

Wikipedia:

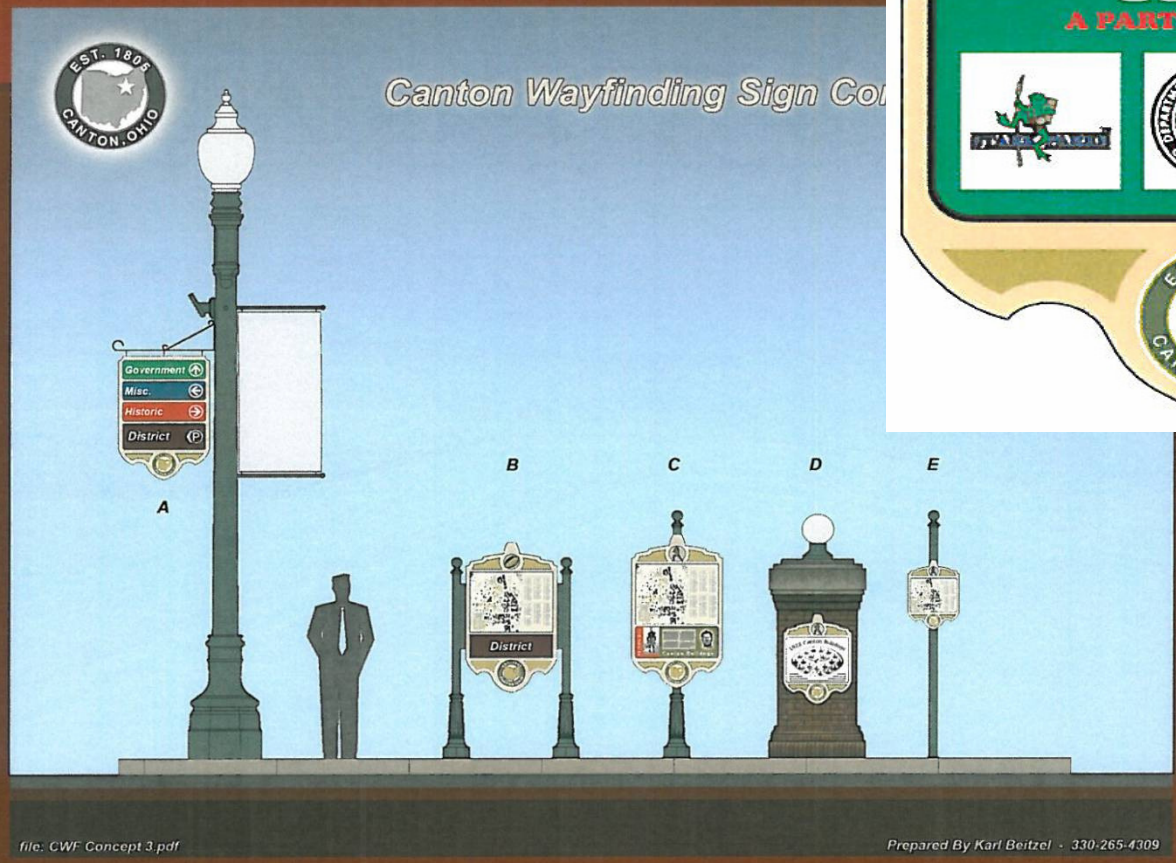
In urban planning and highway engineering, complete streets are roadways designed and operated to enable safe, attractive, and comfortable access and travel for all users. Pedestrians, bicyclists, motorists and public transport users of all ages and abilities are able to safely and comfortably move along and across a complete street. Proponents claim that Complete Streets also create a sense of place and improve social interaction, while generally improving property adjacent land values.

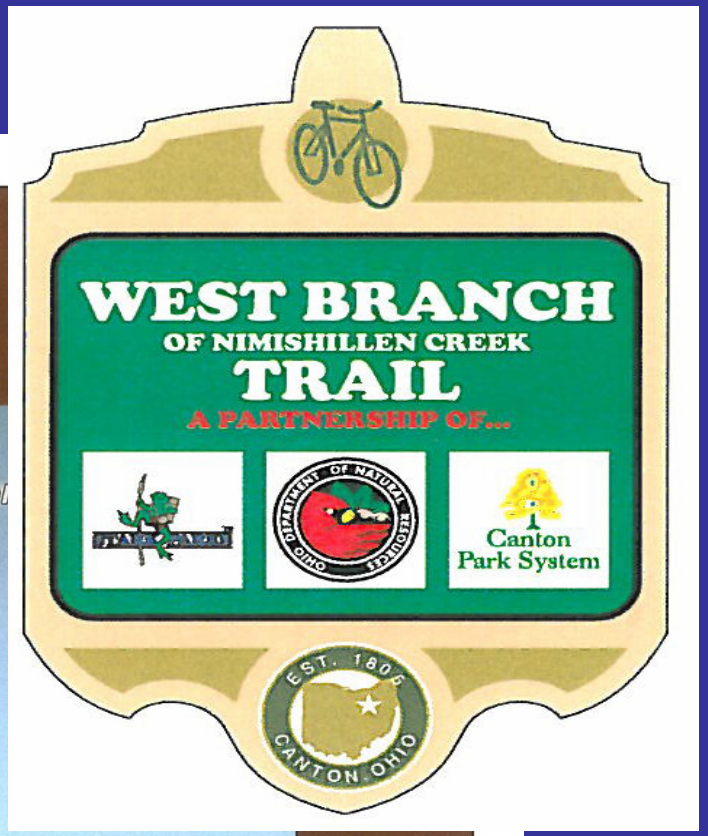
Complete Streets Design Considerations:

- Walkways/sidewalks
- Bike lanes, shared lanes, wide paved shoulders
- Comfortable and accessible transit stops
- Frequent and enhanced crossing opportunities
- Median islands
- Accessible pedestrian signals
- Curb extensions
- Landscaping
- Back-in diagonal parking
- Wayfinding signage
- Improved roadway lighting
- Streetscape enhancements

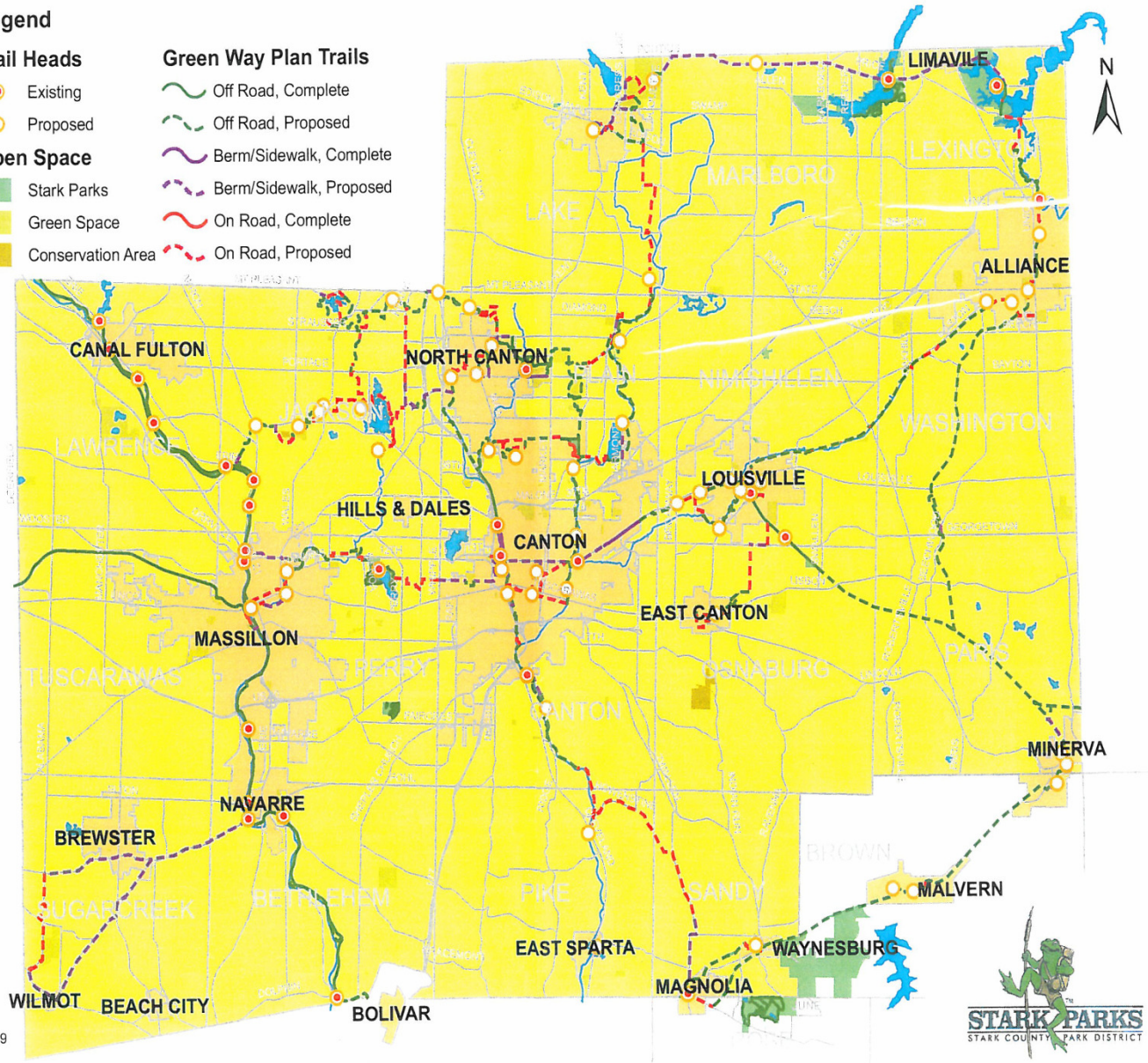
Spring

Concept


EST. 1805
CANTON, OHIO
Canton Wayfinding Sign Co
Government
Misc.
Historic
District
A
B
C
D
E
District
file: CWF Concept 3.pdf
Prepared By Karl Beitzel · 330-265-4309

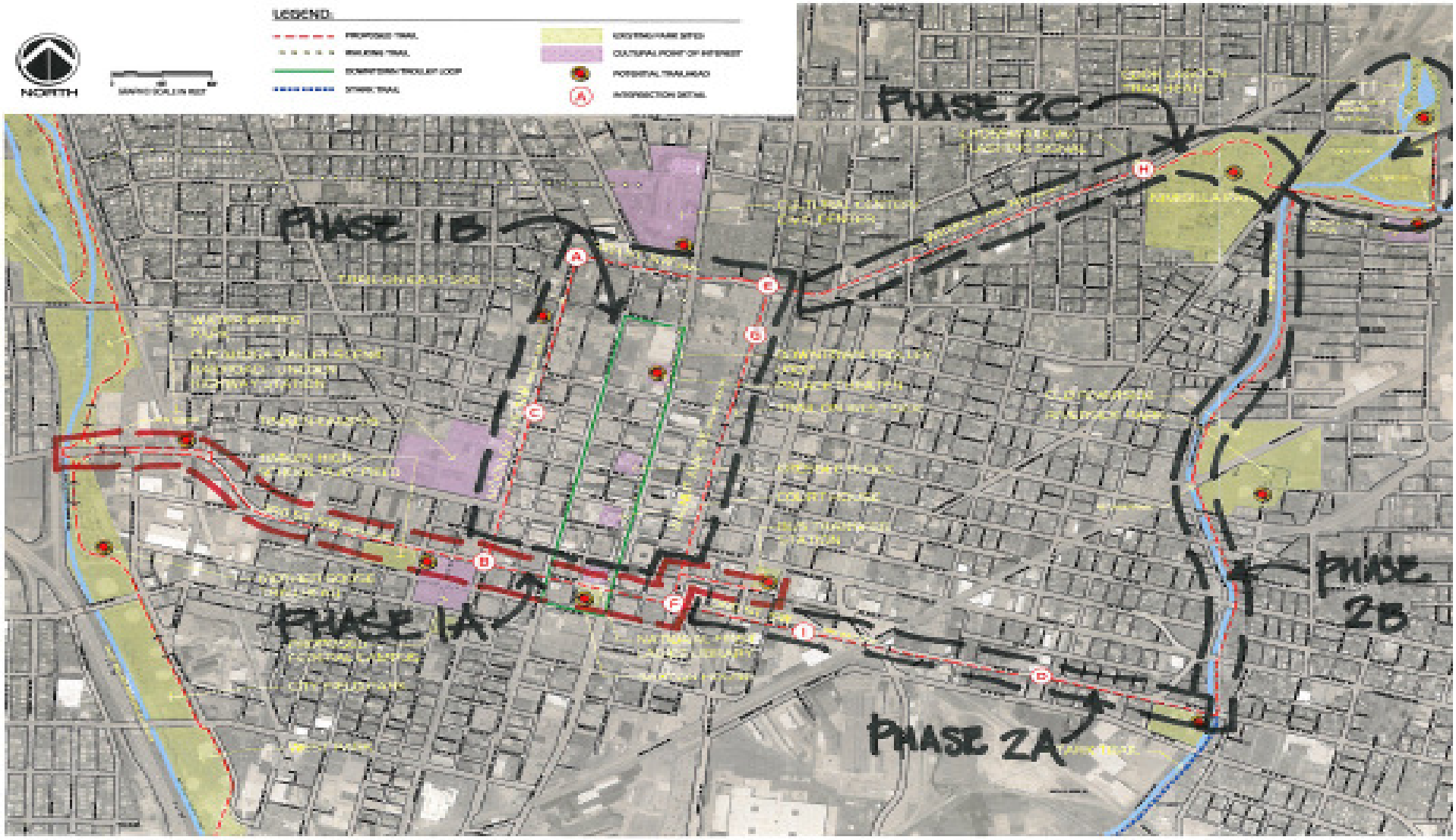

WEST BRANCH
OF NIMISHILLEN CREEK
TRAIL
A PARTNERSHIP OF...
Canton
Park System
EST. 1805
CANTON, OHIO

Stark Parks Master Greenway Plan



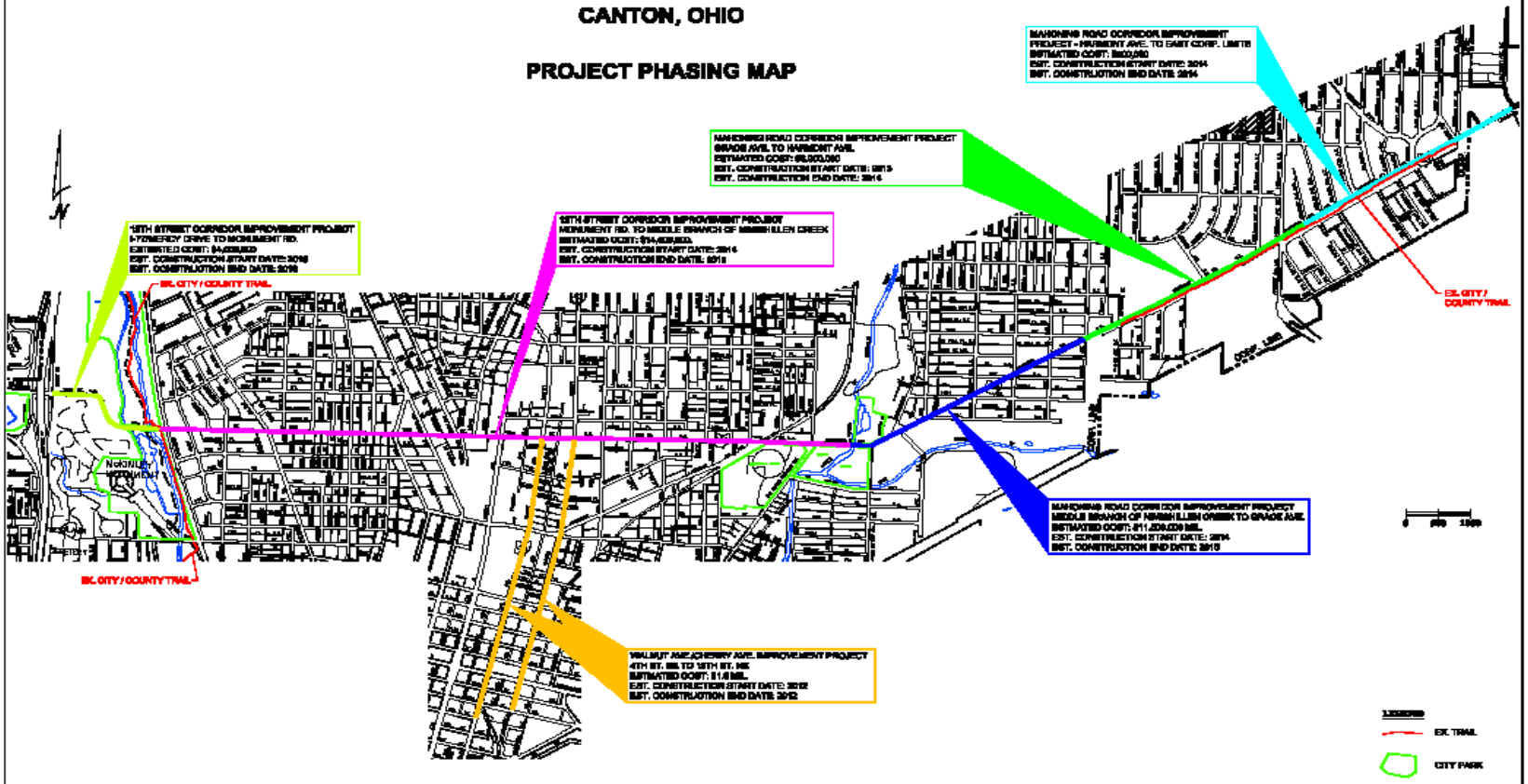
3/2009

CANTON'S TRAIL COORIDORS
"Downtown Loop"



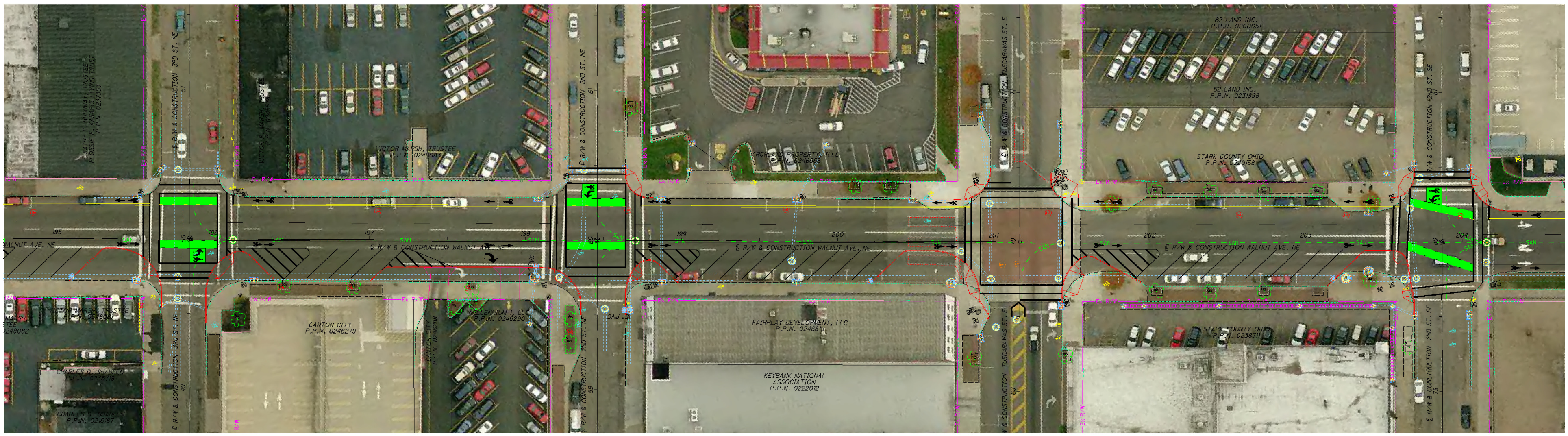
12TH STREET/MAHONING ROAD CORRIDOR IMPROVEMENT PROJECTS CANTON, OHIO

PROJECT PHASING MAP



Walnut/Cherry Project Specifics

Vehicular through lane reduction
Bike lane installation
Parking reconfiguration
Bus shelter/stop installations
Streetscape enhancements
Traffic control improvements


KATHY S. BUSHWAY, TRUSTEE
FLOSSIE F. KASAPIS LIVING TRUST
P.P.N. 0237353
VICTOR MARSH, TRUSTEE
P.P.N. 0246083
ARCHLAND PROPERTY, LLC
P.P.N. 0246555
62 LAND INC.
P.P.N. 0200051
62 LAND INC.
P.P.N. 0231898
STARK COUNTY OHIO
P.P.N. 0220158
VICTOR MARSH, TRUSTEE
P.P.N. 0248081
CHARLES D. SHAHEEN
P.P.N. 0236719
CHARLES D. SHAHEEN
P.P.N. 0216187
CANTON CITY
P.P.N. 0246279
CANTON CITY
P.P.N. 0246288
MILLENNIUM 1, LLC
P.P.N. 0246290
FAIRPLAY DEVELOPMENT, LLC
P.P.N. 0246818
KEYBANK NATIONAL
ASSOCIATION
P.P.N. 0222012
STARK COUNTY OHIO
P.P.N. 0238711
℄ R/W & CONSTRUCTION WALNUT AVE. NE
℄ R/W & CONSTRUCTION 3RD ST. NE
℄ R/W & CONSTRUCTION 2ND ST. NE
℄ R/W & CONSTRUCTION TUSCARAWAS ST. E
℄ R/W & CONSTRUCTION 2ND ST. SE
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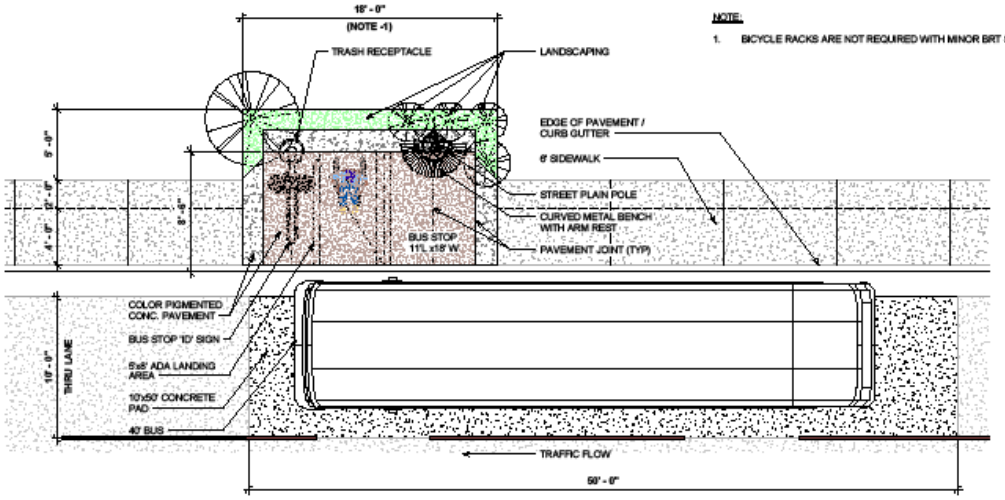
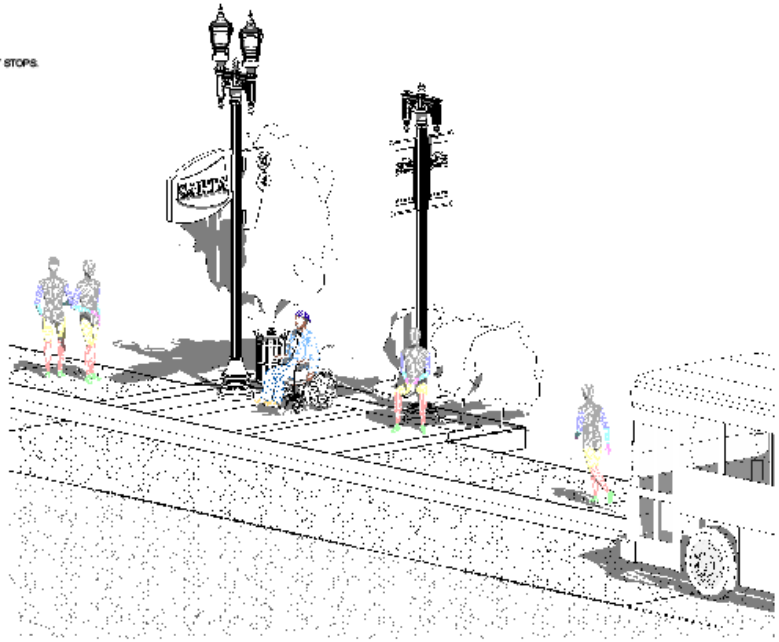


NOTE:

1. BICYCLE RACKS ARE NOT REQUIRED WITH MINOR BRT STOPS.

1 TYPICAL MINOR BUS STOP
1/4" = 1'-0"



GENERAL NOTES:

Bus Shelter specifications

Bus Shelter Description

All bus shelters are free standing structures and shall be designed and installed with provisions as indicated in project documents. The bus shelter shall comply with all local, state & federal codes, standards and regulations including the Access Board's ADA - Accessibility Guidelines (ADAAG). Each bus shelter shall be of minimum clear inside dimensions of 5' - 0" width, 12' - 0" length & 7' - 0" clear high wall openings at entry points.

Submittal Requirements

Prior to fabrication of these bus shelter units following shall be submitted to the owner for review and acceptance.

1. Submit complete shop drawings for shelter design showing design dimensions and installation details, materials, finishes.
2. Submit necessary structural design calculations for wind loads and other code compliance. All documents shall be stamped, signed and sealed by a registered professional Engineer for the State of Ohio.
3. Submit the polyester powder coating finish warranty document for ten (10) years from substantial completion.
4. Submit manufacturer's standard color chart for polyester powder coat finish for owner to select the color.

Shelter Roof Systems

The bus shelter shall have hip roof configuration with aluminum structural framing system supporting standing seam structural aluminum roofing system. The perimeter roof gutter shall be provided with drain outlet provisions on the rear side.

GENERAL NOTES CONTINUE:

Shelter Framing Systems

Framing systems shall be engineered to contribute strength, durability and aesthetics to bus shelter's design.

Standard material for is 6063-T5 extruded aluminum.
For certain applications, 6061-T6 or 6005-T6alloytemper aluminum will be acceptable.

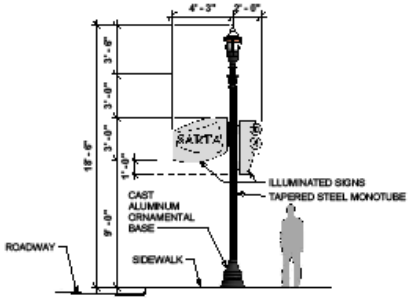
Framing members and grillwork finish shall be polyester powder coat in the color to be selected by the owner.

Shelter Wall Systems

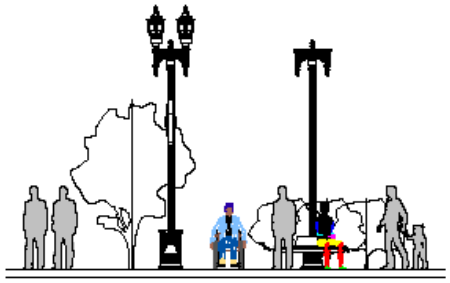
The shelter wall configuration shall have three and one half sides fully closed from roof to floor. The walls shall be framed with aluminum structural members with ½" thick clear tempered safety glass. The decorative grill work shall be incorporated in the wall panels.
Decorative grillwork at wall panels shall be made from welded 1" x 1" x 1/8" extruded aluminum members as indicated. The grillwork shall be applied to the interior side of the wall panel.
The vertical framing members' connection with floor slab/foundation shall have concealed plates and fasteners.

Finish requirements

The roofing panels, framing members and grillwork shall have polyester powder coat finish with graffiti-resistant coating. The color shall be selected by the owner. The ¼" safety glass shall also have the graffiti-resistant coating. The polyester powder coat finish shall be warranted for 10 years to be free from cracking, peeling, chalking or fading against ultra violet exposure.



2 BUS STOP ID SIGN POST
1/4" = 1'-0"



3 ELEVATION WITHOUT SHELTER
1/4" = 1'-0"

DESIGNED	D. V. Shah	06/07/11	
DRAWN	M. Cooper, Jr.	06/07/11	
CHECKED	-	-	
APPROVED	-	-	

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

DATE	BY	DESCRIPTION

SARTA / CANTON TRANSIT AUTHORITY

•Parsons Brinckerhoff
•Hammontree & Associates, Limited

PROJECT MANAGER

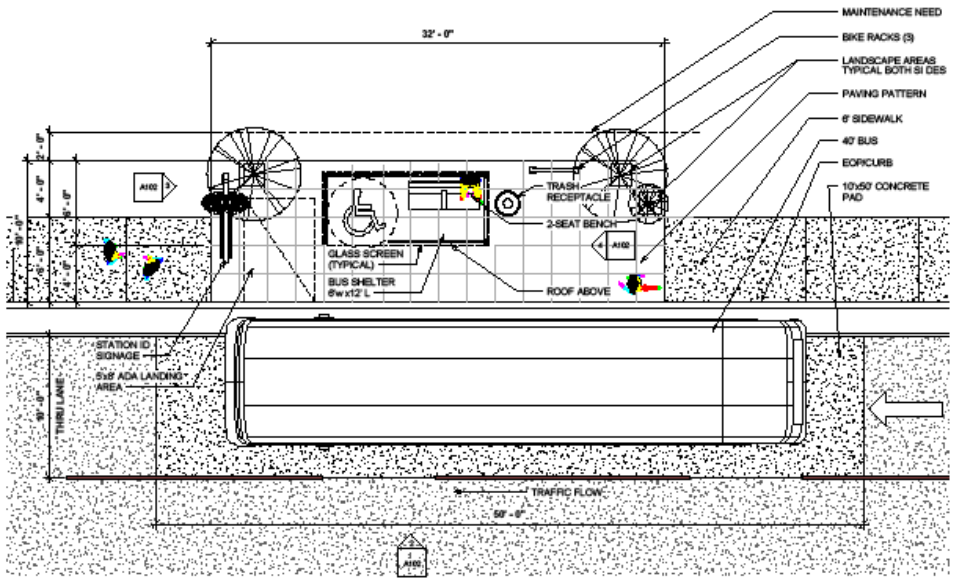
HALF SIZE PRINT 11x17

CONTRACT NO: -

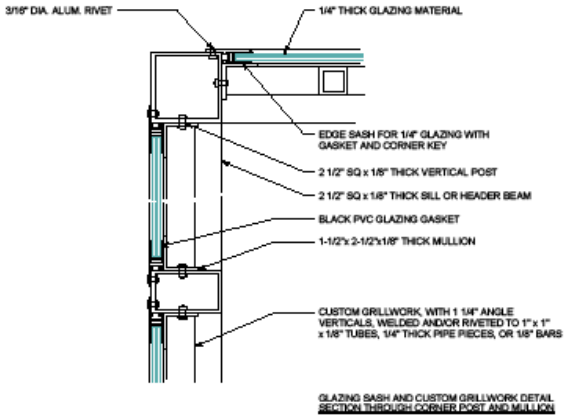
SARTA - CANTON, OHIO
TYPICAL MINOR BRT STOP WITHOUT BUS SHELTER
PLAN & ELEVATIONS

SCALE 1/4" = 1'-0"

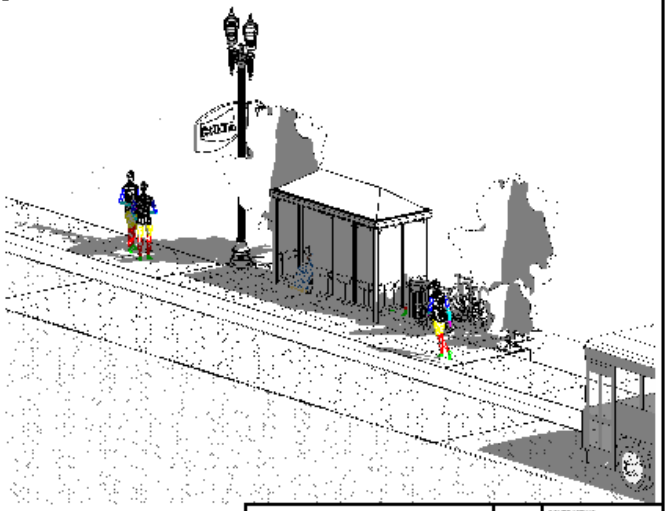
DRAWING NO. A101

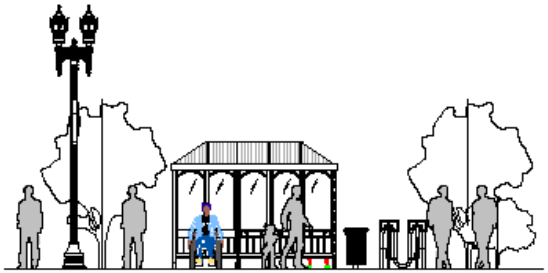


1 TYPICAL MAJOR BUS STOP
1/4" = 1'-0"

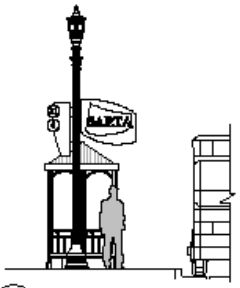


5 DETAIL
6" = 1'-0"

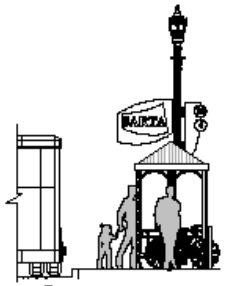




2 ELEVATION
1/4" = 1'-0"



3 ELEVATION
1/4" = 1'-0"



4 ELEVATION
1/4" = 1'-0"

DESIGNED	D.V. Shah	06/07/11	
DRAWN	M. Cooper, Jr.	06/07/11	
CHECKED	-	-	
APPROVED	-	-	

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NUMBER	DESCRIPTION

REVISIONS

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PROJECT MANAGER

HALF SIZE PRINT 11x17

CONTRACT NO: -

SARTA - CANTON, OHIO
TYPICAL MAJOR BRT STOP WITH BUS SHELTER
PLAN & ELEVATIONS

SCALE: As indicated

DRAWING NO. A102

Bus Stop Locations

FINAL BRT STATION CLASSIFICATION - CHERRY AVE. - WALNUT AVE. BRT (9/30/11)

Outbound Stop	BRT Station Type
CHERRY AVE NE AT 4TH ST	Minor
CHERRY AVE NE AT 6TH ST	Minor
CHERRY AVE NE AT HINER NS	Major
CHERRY AVE NE AT LAWRENCE RD	Minor
CHERRY AVE NE AT 12TH ST	Minor

Inbound Stop	BRT Station Type
WALNUT AND AMERMAN ST	Major
WALNUT AVE NE AT 9TH ST	Minor
WALNUT AVE NE 700 BLOCK	Minor
WALNUT AVE NE AT 6TH ST	Major
WALNUT AVE NE AT 4TH ST	Minor

Project Costs/Funding

Total Estimated Project Cost = $2 million

Project Funding:
State and federal transportation dollars (gas taxes) secured by SARTA through ODOT

Complete Streets Making a Difference:

Questions?

Thank you!