



Manayunk Bridge and Ivy Ridge Trail Making a High-Profile Connection

Mike Campbell RLA

mcampbell@wrallp.com

302.571.9001

Project partners:

- Bicycle Coalition of Greater Philadelphia
- Delaware Valley Regional Planning Commission
- Lower Merion Township
- Manayunk Development Corporation
- Pennsylvania Department of Transportation
- Pennsylvania Environmental Council
- Philadelphia Department of Parks & Recreation
- Philadelphia Streets Department
- Southeastern Pennsylvania Transportation Authority





LEGEND

- EXISTING TRAIL
- SCHUYLKILL RIVER TRAIL
- IVY RIDGE TRAIL
- OFF STREET PLANNED TRAILS
- ON STREET TRAIL NETWORK

NORTH

0 500 1000 FEET

down the road..

continue
ivy ridge
trail
from ivy ridge
to shawmont

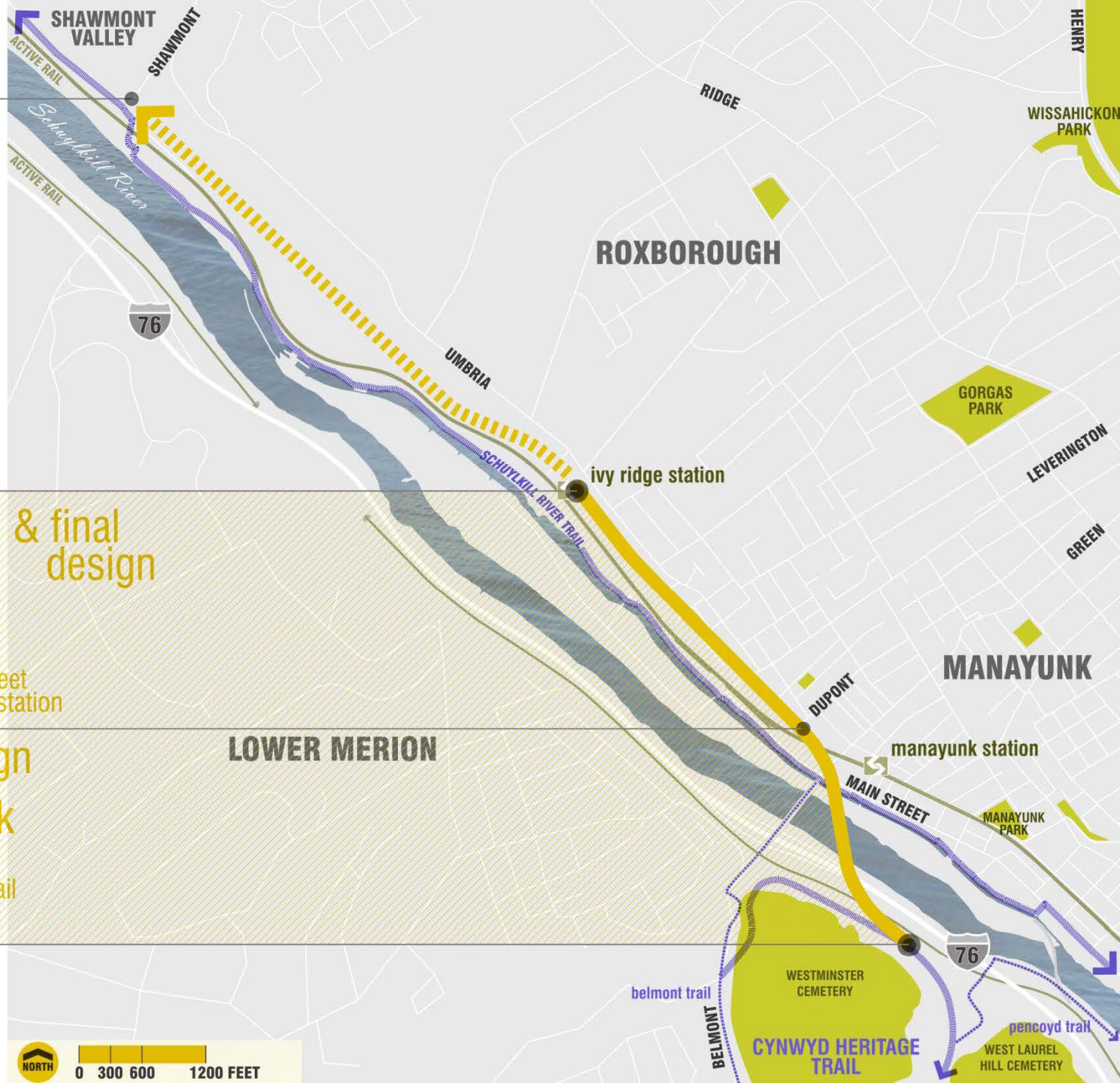
project site

phase 2 & 3

feasibility & final
plan
ivy ridge
trail
from dupont street
to the ivy ridge station

phase 1

final design
manayunk
bridge
from cynwyd trail
to dupont street



phase 1

dupont
connection

manayunk
bridge

cynwyd trail
connection



1832 first green lane bridge constructed



1884 's bridge' constructed by pennsylvania railroad



1893, William H Rau

Source: the Library Company of Philadelphia

1918 's-bridge' replaced with open spandrel concrete bridge



1917, Manayunk Bridge under construction

Source: Lower Merion Historical Society

1976 bridge acquired by septa for cynwyd line

1986 bridge closed by septa due to disrepair

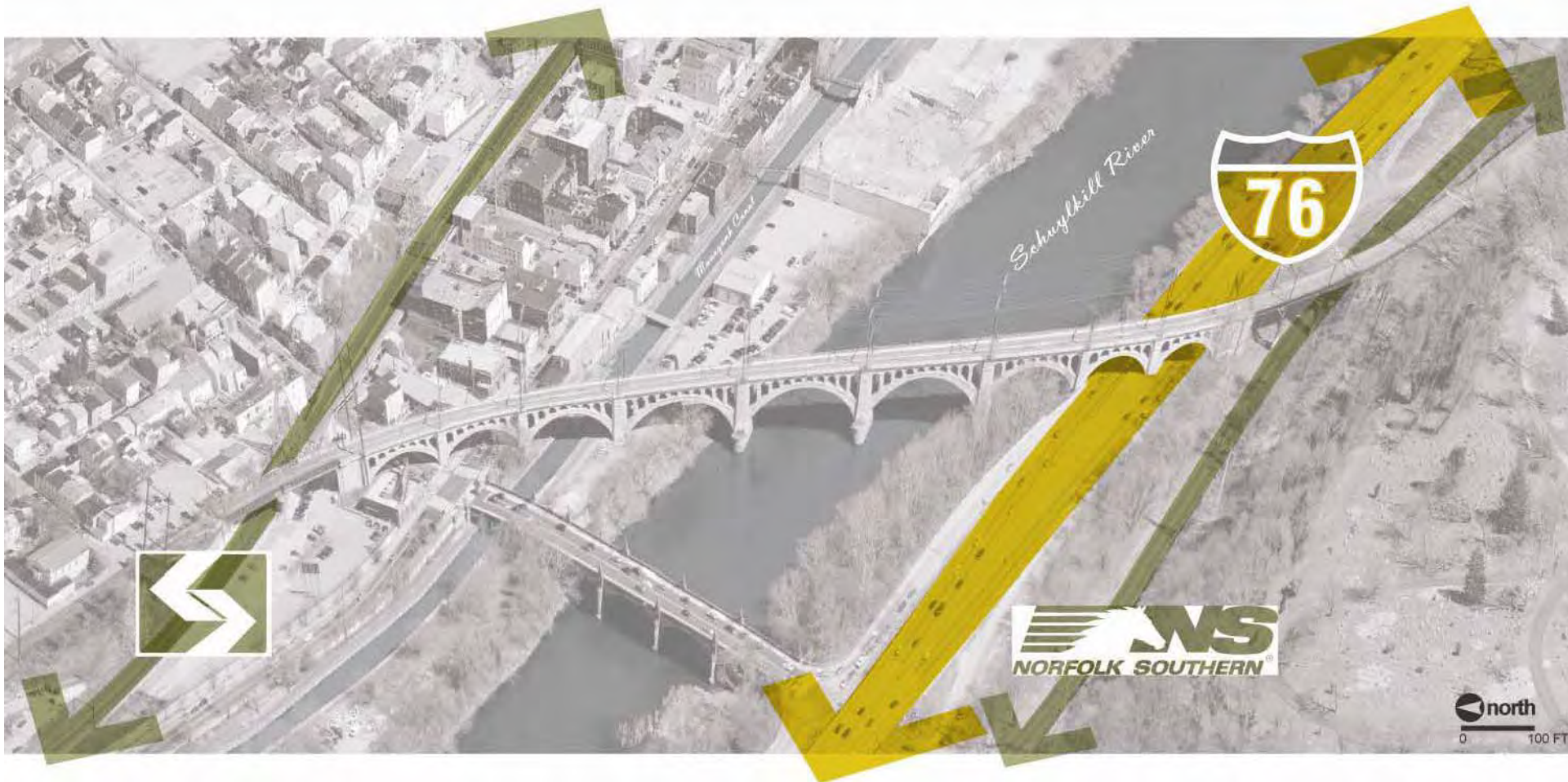
1999 stabilization efforts completed by septa



1964, Manayunk Bridge

Source: Lower Merion Historical Society

CROSSINGS





pedestrian safety!



THIS PROPERTY HAS BEEN
PLACED ON THE
NATIONAL REGISTER
OF HISTORIC PLACES
BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR



utility wires

manholes

**ACCESS
MUST
BE
MAINTAINED**

LAST TIME



- > PROJECT BACKGROUND
- > DESIGN LIMITATIONS
- > YOUR INPUT

we asked **YOU** what the bridge would be like 2 years from now & got
52 responses

IT'S AMAZING
HOW IT HAS BROUGHT
THE CITY &
SUBURBS TOGETHER.
BEAUTIFULLY.

NATIVE TALL
GRASSES!

OBSERVATION
TOWER!

hi mom,
I'm on top of the manayunk bridge you wouldn't believe
how much I'm enjoying it. it's now...

The bridge strikes me as a destination in itself. This, while it will be an important conduit between the Cynwyd Trail and the Dry Ridge Trail, to enjoy the bridge's situation and view would seem to me to be of great significance. It'd never paving sides so as to maximize available useable space. Ramping on both sides to stand on both sides to linger and and slow pedestrians that would cause the bikepath to the center of the road. The Poughkeepsie Mid-Hudson Crossing was the last of the old areas.

Starry night walk
hi mom,
I'm on top of the manayunk bridge you wouldn't believe
how much I'm enjoying it. it's now...

- Clumps of native tall grasses, with
- areas of tall grass + shade
- (it would be a long walk b/c of the b/c of the
- b/c of the

June, 2013

hi mom,
I'm on top of the manayunk bridge you wouldn't believe
how much I'm enjoying it. it's now...

NATIVE PLANTS,
OBSERVATION TOWERS,
PLATFORMS

hi mom,
I'm on top of the manayunk bridge you wouldn't believe
how much I'm enjoying it. it's now...

such a great space
there's room for cyclists, strollers, joggers
and the landscaping is great!
it softens the edges
creates greenery in a very industrial enviro.
provides shade over the trail on tree sec
w/ vines
Everyone uses it!
subtle lighting at night
to see at night

XOXO
Eosm Dinnabur

Remember the environment!
June, 2013
of the manayunk bridge you wouldn't believe
how much I'm enjoying it. it's now...

Please be sure to focus on the RIVER + storm water best practices. Also, focus on environmental info in addition to the bridge with green is a constant environmentally

XOXO

REMEMBER
THE
ENVIRONMENT!
EVERYONE
USES IT!



which gave us a sense of how you would want to **USE** the bridge...

to hang out

"A place to meet and greet new friends."

to commute

"a way for me to **ride my bike to work** (I live in manayunk and work in lower merion)"

for events!

"Best of all is the bridge has **events once a month**- music, fun runs... I can totally see the **city's largest pumpkin patch carving event** in the fall!"

for dog walks

"Pedestrian paths have to be **dog friendly**."

at night

"we go into main street for ice cream and **walk it off going home**."

in fact, **48%** of responses mentioned uses other than walking and biking

how you would **MOVE ABOUT** the bridge...

on FOOT!

"when the bicycles go by
during my
twice daily walks **I do not
feel like I need to
cringe** and move to the
right **when a cyclist hollers...**"

on BIKES!

"**Biking without
having to walk** b/c
of pedestrians... but
it's not a
speedway."

"think of all cyclists
in planning
**let's make it
fun for all.**"

**40% of responses stressed the importance of
accommodating multiple user groups**

how **CREATIVE** you are..

“**Viewscopes** so people can see further down the river!”

“a zipline!”

“There should be an arrow on the billboard over 76 pointing towards the bridge and trail that says “**wouldn't you rather be here??**”

“**Elevator** at Main Street”

“**bicycle cabs** between Cynwyd and Manayunk”

Light the bridge, like 'boat house row'

and that this is...

“the bridge **will be really a bridge** –
providing a
connection to people
across the river.”

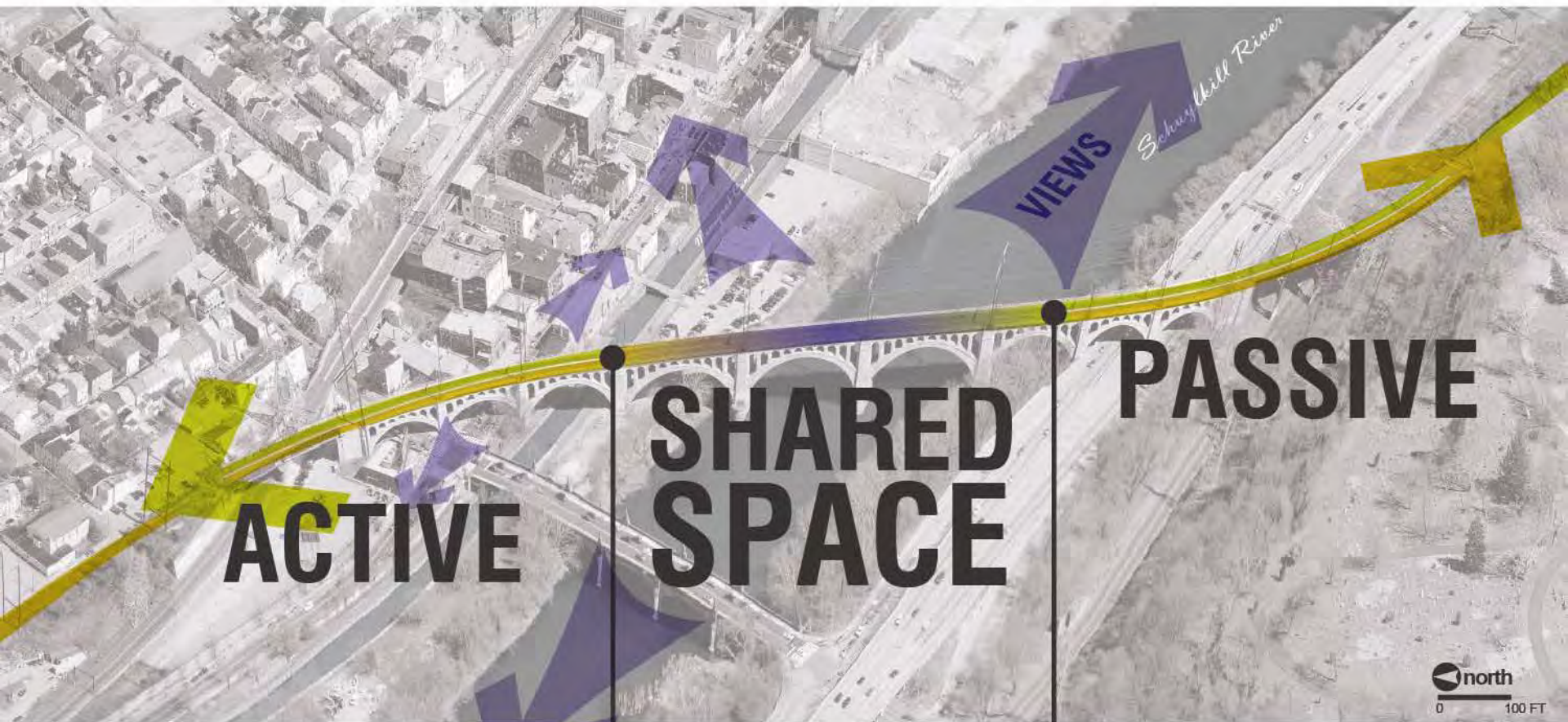
“it has great
potential, both as a
**destination and
connection**”

“while it will be an important
conduit b/w the cynwyd trail and
the ivy ridge trail,
the ability to **enjoy the bridge's
situation and view** would seem
to me to be **of great
significance.**”

“put up benches for
people to sit and
**enjoy the
tremendous view.**”

**MORE THAN just a
transportation corridor.**

_INTERFACE STUDIO LLC



ACTIVE

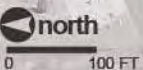
transition to
manayunk and
the ivy ridge trail

**SHARED
SPACE**

celebrate the bridge as
both a **THRUWAY** *and*
a PUBLIC SPACE to take
advantage of the views

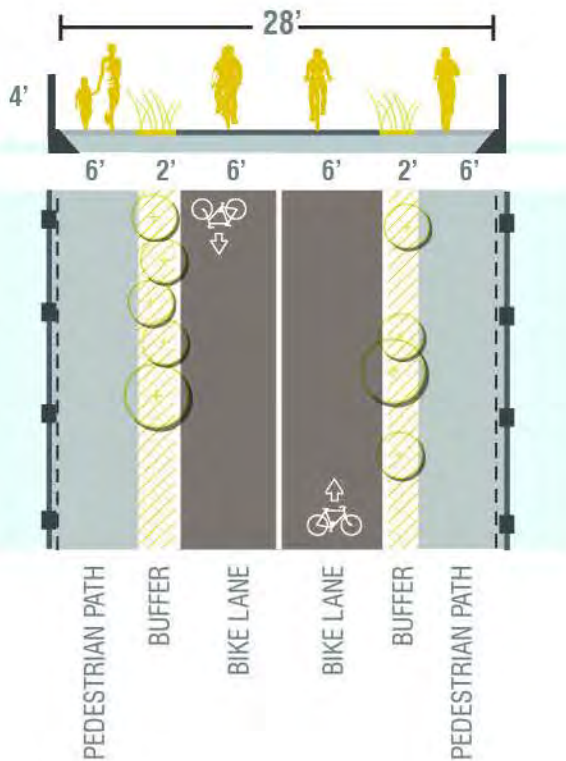
PASSIVE

extension of cynwyd
heritage trail

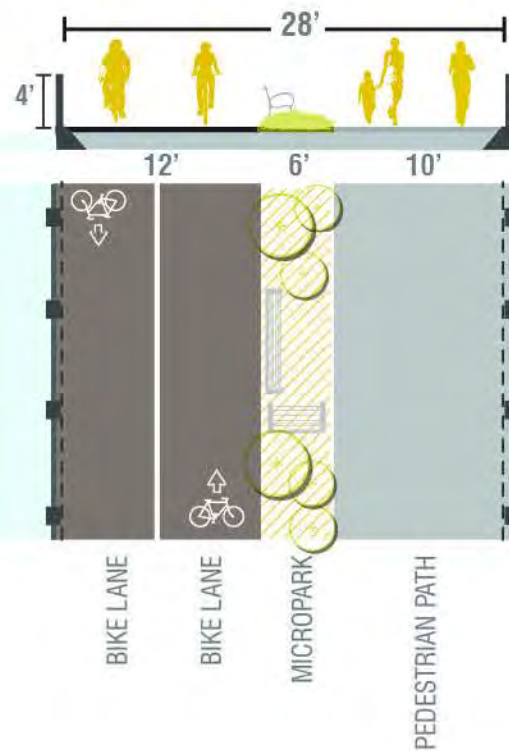


circulation alternatives

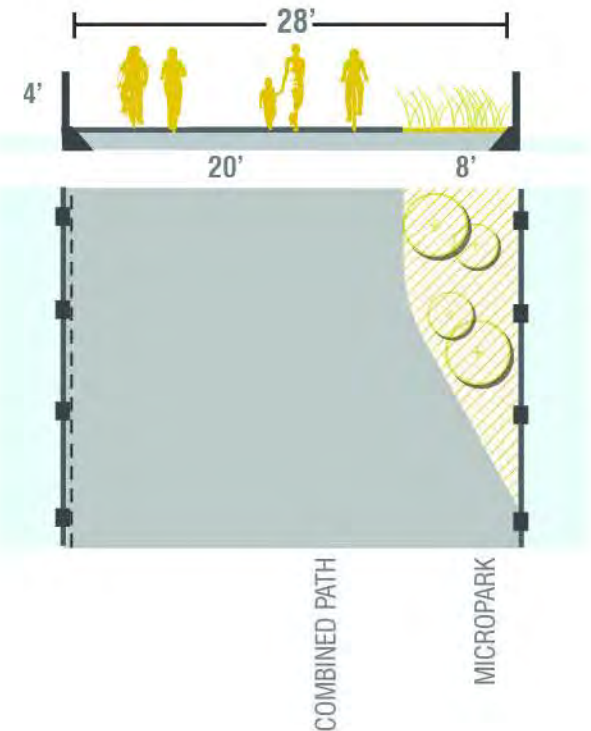
1 SEPARATE PED/BIKE LANES

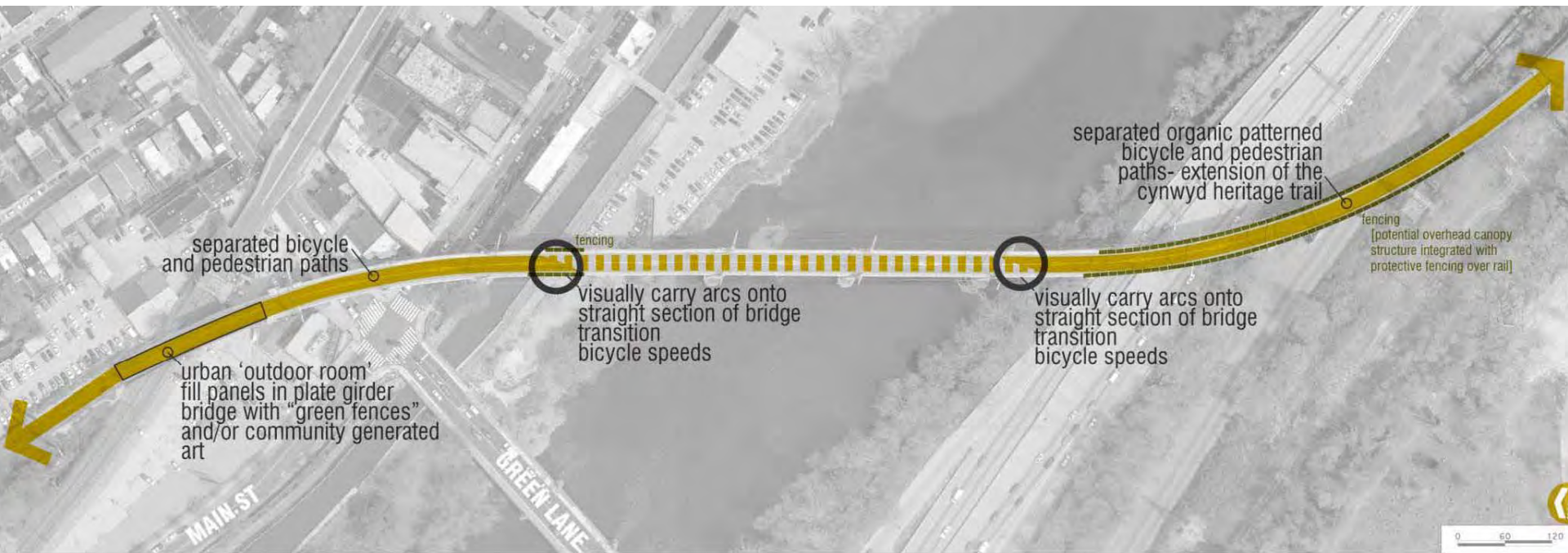


2 SEPARATE PED/BIKE LANES



3 COMBINED MEANDERING CIRCULATION PATH









Railing/Fence Design



VIEW OF LOW FENCE AT NORTH CURVE



Manayunk Bridge and Ivy Ridge Trail
PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

WR&A WHITMAN, REQUARDT
& ASSOCIATES, LLP
ENGINEERS • ARCHITECTS • PLANNERS EST. 1915

DECEMBER 23, 2011

MANAYUNK BRIDGE



MANAYUNK BRIDGE

Still on schedule!!!

- Design will be complete by the end of the year
- Bids will be received in early 2013
- Construction should start in late spring
- The trail should open in early 2014



IVY RIDGE TRAIL

Feasibility study, just starting now, has different challenges than the Manayunk Bridge

- Dense neighborhood (“Old Manayunk”)
- Primarily residential context
- Informal use of rail right-of-way for parking and storage
- Community connections
- Stormwater

