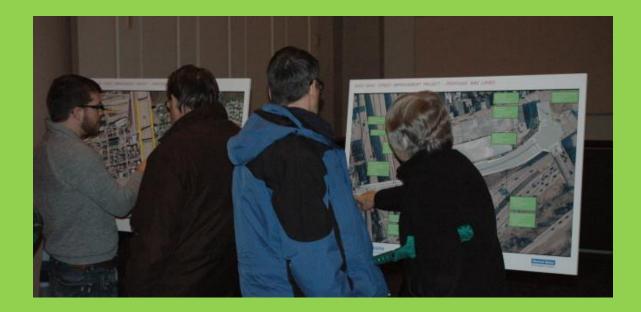
## A Grass Roots Success Story East Ohio Street Pedestrian & Bicycle Improvements



# Who we are

- Nick Ross, President Northside Bike/Ped Commitee
- Abe Stucky, Fellow, Northside Leadership Conference Northside Bike/Ped Commitee
- John Buerkle, Northside Ped/Bike Committee, Concerned
   Business Owner, Pashek Associates
- Cheryl Moon-Sirianni, Assistant Exective of Design,
   PennDOT 11-0

# **Learning Outcomes**

- Grass Roots Effort to Advance Neighborhood Vision
- Collaborative Process
- Ability to Meet PennDOTs Requirements & to Work Within Their Parameters

# **Existing Conditions**



# **Existing Conditions**







### **MISSION STATEMENT**

The Northside Bicycle and Pedestrian Committee is a sub-committee of the Northside Leadership Conference. We are a group of concerned residents and business owners who advocate for improved infrastructure and continued safety; encourage and promote riding and walking; and support accessibility for all bicyclists and pedestrians.

#### PITTSBURGH'S NORTHSIDE

Home | About Us | Northside Community Resources | Community Calendar

#### Promoting and Enhancing the Vitality & Quality of Life in Pittsburgh's Northside.



#### Northside Bike/Ped Committee

Northside Bike/Ped Committee was named 2013 Advocacy Group of the Year by BikePGH!

### Northside Bike/Ped

#### JOIN US!

Northside Bike/Ped Committee meets at 6 p.m. on the first Tuesday of each month at the Penn Brewery. Anyone who is interested in bicycling or pedestrian-related matters is welcome. If you'd like to be notified of upcoming meetings or want to join the Bike/Ped Committee, please contact Abe Stucky at Abe@pittsburghnorthside.com to be put on the email list.

#### Who can become a member of Northside Bike/Ped?

Anyone who has an interest in bicycling, or just walks, runs or commutes, can join.

#### When are meetings?

at 6 p.m. on the first Tuesday of each month. You can contact us to be added to the email list for meeting updates and other news.

#### MISSION STATEMENT

The Northside Bicycle and Pedestrian Committee is a subcommittee of the Northside Leadership Conference. We are a group of concerned residents and business owners who advocate for improved infrastructure and continued safety; encourage and promote riding and walking; and support accessibility for all bicyclists and pedestrians.

#### OBJECTIVES

- Improve bicycle and pedestrian signage
- Promote the installation and use of bike racks
- Plan, promote and/or implement bicycle and pedestrian events throughout the Northside
- Establish bike lane and bike trail connections between the existing riverfront trails, Allegheny Commons Park, and Riverview Park



#### **Related Items**

Northeide Community Resources AGH Partnership NSHIP Community Safety Parks and Recreation Northside Bike/Ped Committee Preservation of St. Nicholas Church Development With a Plan

### peopleforbikes

#### ABOUT US OUR WORK BLOG TAKE ACTION GET LOCAL DONATE

About the Project

**Green Lane Blog** 

**Focus Cities** 

Resources

Events

DLLOW US

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# Northside Bike/Ped

### **GREEN LANE PROJECT**

## BUILD IT FOR ISABELLA

#### ISABELLA: 12 YEARS OLD AND READY TO RIDE

Meet Isabella. Like most girls her age, she is exploring her independence. She just started 7th grade and loves doing cartwheels in the grass with her friends and sharing her life through Instagram. She is ready to travel her world by bike, but is the network ready for her? Isabella wants to bike to school, the library and the ice cream shop, but her mom worries about her getting across or along busy streets. Isabella likes to ride, but she's still small and her skills aren't fully developed. She's sometimes a little wobbly and it's hard for her to see over parked cars near intersections.

#### What does Isabella need to ride safely around her world?

Are we planning low-stress, connected networks that work for Isabella?
 What if every project was designed with Isabella in mind?
 If we build it for Isabella, wouldn't it work beautifully for the rest of us too?

# **Timeline**

October Leadership Conference Meeting with District Executive Dan Cessna on East Street

November Bike/Ped Meeting - Kate Bechak offered to help with design

*November 24* First meeting with PennDOT

*December 1* Abe received copy of Design Field View plans

January 6, 2015 John Buerkle offered to help with the project

January 20 PennDOT meeting

March 4 PennDOT Community Meeting

### United States Department of Transportation Policy Statement on Bicycle and Pedestrian Accommodation Regulations and Recommendations Signed on March 11, 2010 and announced March 15, 2010

### **Policy Statement**

The DOT policy is to incorporate safe and convenient walking and bicycling facilities into transportation projects. Every transportation agency, including DOT, has the responsibility to improve conditions and opportunities for walking and bicycling and to integrate walking and bicycling into their transportation systems. Because of the numerous individual and community benefits that walking and bicycling provide — including health, safety, environmental, transportation, and quality of life — transportation agencies are encouraged to go beyond minimum standards to provide safe and convenient facilities for these modes.

### **PennDOTs Requirements - Pub 13M Design Manual**

Pub

#### General Design

Ē	Regional		Suburban	Suburban	Suburban	AL ARTERIA	Town/Village	
	Arterial	Rural	Neighborhood	Corridor	Center	Neighborhood	Center	Urban Core
	Lane Width 1	11' to 12'	11' to 12'	11' to 12'	11' to 12'	10' to 12'	10' to 12'	10' to 12'
	Shoulder Width <sup>2,3</sup>	8' to 10'	8' to 10'	8' to 12'	4' to 6' (if No Parking or Bike Lane)			
	Parking Lane	NA	NA	NA	8' Parallel	8' Parallel	8' Parallel	8' Parallel
	Bike Lane <sup>4</sup>	NA	5' to 6' (if No Shoulder)	6' (if No Shoulder)	5' to 6'	5' to 6'	5' to 6'	5' to 6'
	Median (if needed)	4' to 6'	16' to 18' for Left Turn: 6' to 8' for Pedestrians Only	16' to 18' for Left Turn: 6' to 8' for Pedestrians Only	16' to 18' for Left Turn: 6' to 8' for Pedestrians Only	16' to 18' for Left Turn: 6' to 8' for Pedestrians Only	16' to 18' for Left Turn: 6' to 8' for Pedestrians Only	16' to 18' for Left Turn: 6' to 8' for Pedestrians Only
	Curb Return 5	30' to 50'	25' to 35'	30' to 50'	25' to 50'	15' to 40'	15' to 40'	15' to 40'
	Travel Lanes	2 to 6	2 to 6	4 to 6	4 to 6	2 to 4	2 to 4	2 to 6
way	Cross Slopes (Minimum) 6,7	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Roadway	Cross Slopes (Maximum) <sup>8</sup>	8.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
	Bridge Widths (Two-Lane Facilities) <sup>9, 10, 18</sup>	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side
	Bridge Widths (Four-Lane or More Facilities) <sup>9, 10, 16</sup>	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side	Lane Widths Plus Shoulders Each Side
	Vertical Grades (Minimum) <sup>11</sup>	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
	Vertical Clearance (Minimum)	16'-6", See Chapter 2	16'-6". See Chapter 2	16'-6", See Chapter 2	16'-6", See Chapter 2	16'-6". See Chapter 2	16'-6", See Chapter 2	16'-6", See Chapter 2
12	Clear Sidewalk Width	NA	5'	5' to 6'	5' to 6'	6' to 8'	6' to 10'	6' to 12'
	Buffer 13	NA	6'+	6' to 10'	4' to 6'	4' to 6'	4' to 6'	4' to 6'
	Shy Distance	NA	NA	NA	0' to 2'	0' to 2'	2'	2'
adside	Total Sidewalk Width	NA	5'	5' to 6'	9' to 14'	10' to 16'	12' to 18'	12' to 20'
Ro	Clear Zone Widths <sup>14</sup>	See Chapter 12	See Chapter 12	See Chapter 12	See Chapter 12	See Chapter 12	See Chapter 12	See Chapter 12
	Right-of-Way Widths <sup>15</sup>	Varies	Varies	Varies	Varies	Varies	Varies	Varies
	Desired Operating Speed (Design Speed)	45-55 mph	35-40 mph	35-55 mph	30-35 mph	30-35 mph	30-35 mph	30-35 mph
Speed	Stopping and Passing Sight Distances (Minimum)	2004 AASHTO Green Book, Exhibit 7-1	2004 AASHTO Green Book, Exhibit 7-1	2004 AASHTO Green Book, Exhibit 7-1	2004 AASHTO Green Book, Exhibit 7-1	2004 AASHTO Green Book, Exhibit 7-1	2004 AASHTO Green Book, Exhibit 7-1	2004 AASHTO Green Book, Exhibit 7-1
	Vertical Grades (Maximum)	2004 AASHTO Green Book, Exhibit 7-2	2004 AASHTO Green Book, Exhibit 7-10					

TABLE 1.3 (ENGLISH)



### **SMART TRANSPORTATION G U I D E B O O K**

Planning and Designing Highways and Streets that Support Sustainable and Livable Communities



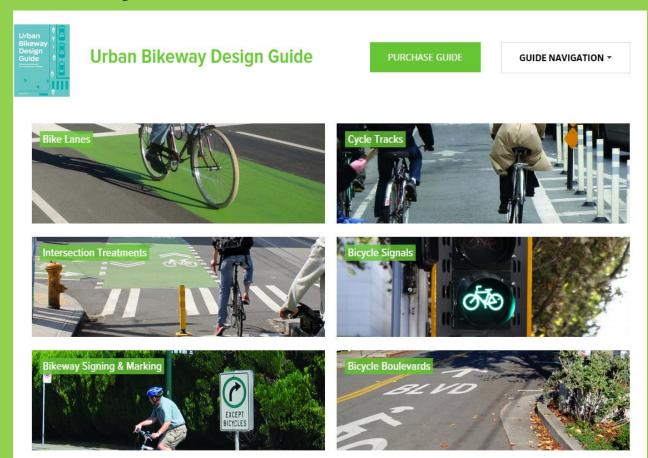
w Jersey Department of Transportation



Pennsylvania Department of Transportation

**MARCH 2008** 

### **Bicycle Facility Best Practices**



### **Bicycle Facility Best Practices**

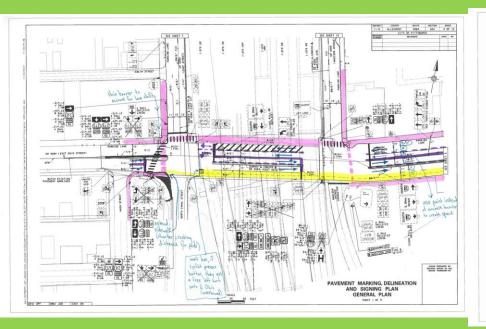


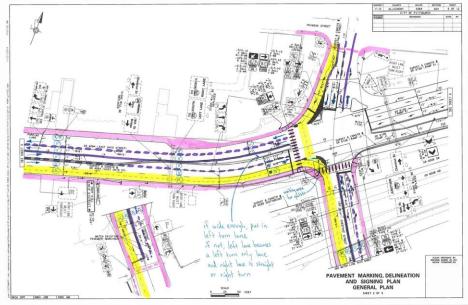
Source: www.protectedintersection.com

# **Design Concept**



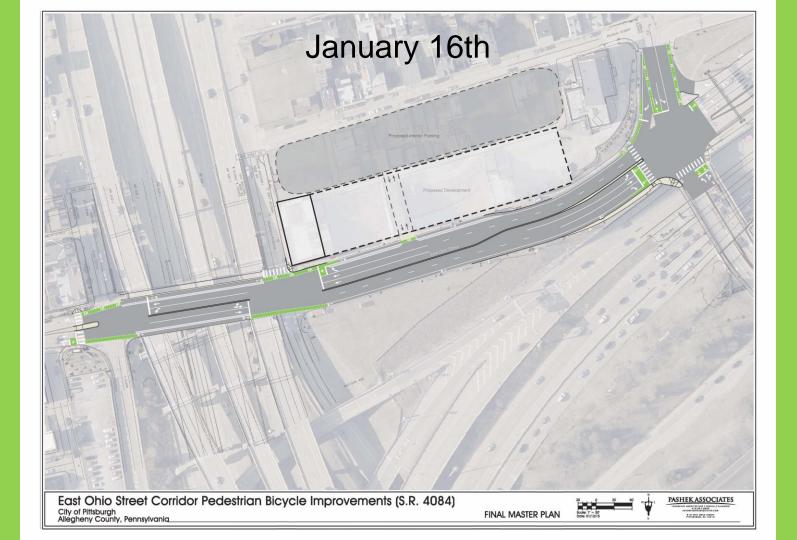
# **Design Concept**

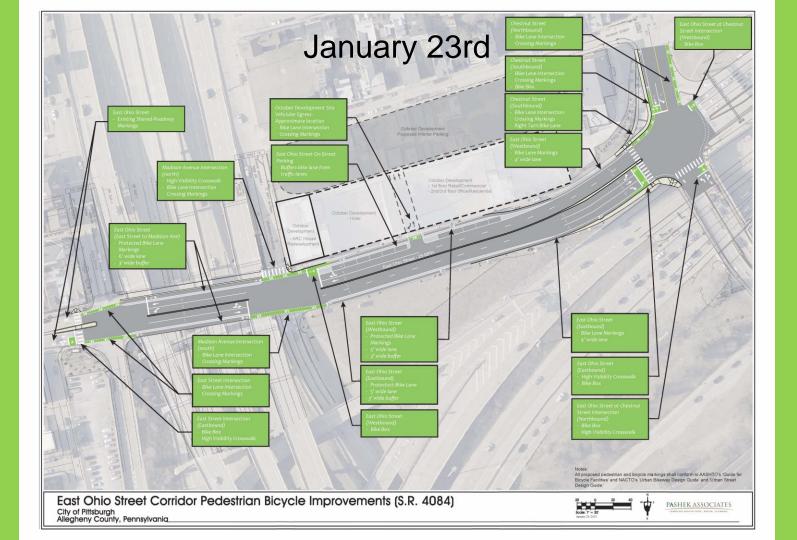


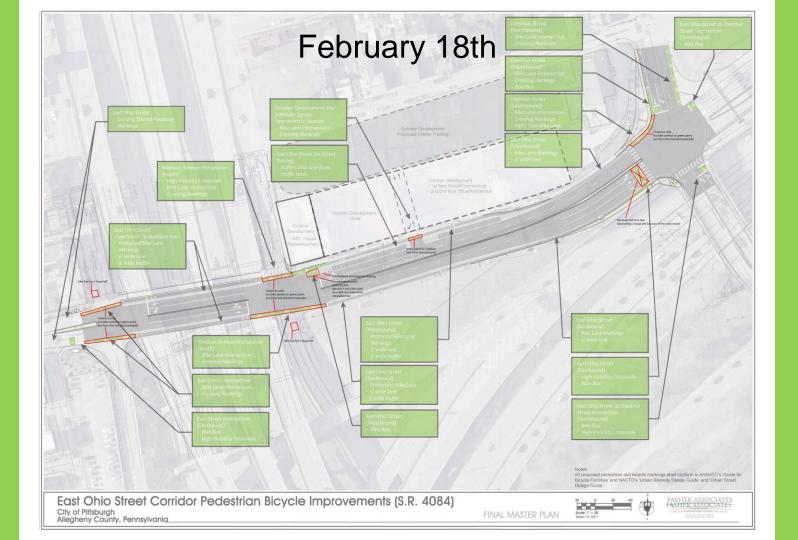


# **Design Concept**



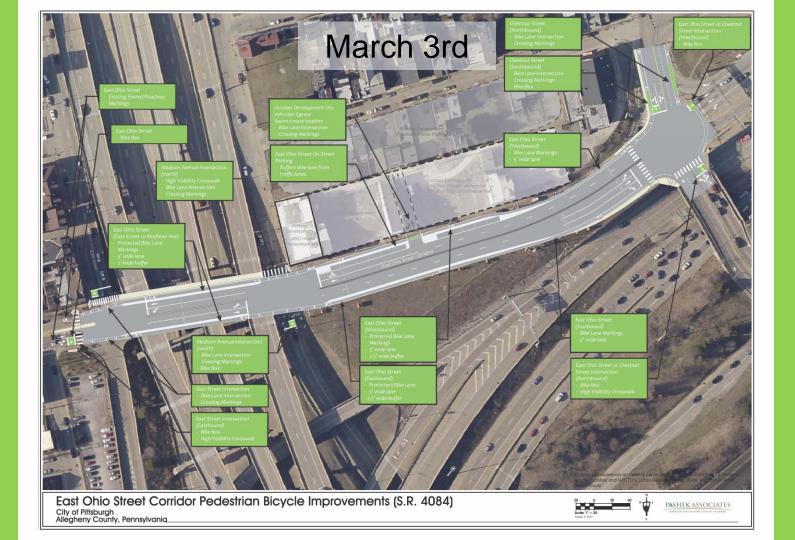






# **Recommended Improvements**

- Five foot bike lanes with a 2-2.5 foot painted buffer will be added on E Ohio Street from East Street to Chestnut Street
- On-street markings and pedestrian signalization will be updated and the sidewalks will be widened. ADA curb ramps will be installed at seven different intersections.
- Traffic will be moved further away from sidewalks.
- Traffic lane widths will be reduced to slow traffic speeds.
- This stretch of roadway will help make a safer connection from the Northside neighborhoods to the North Shore Trail, the 16th St Bridge, and on to the Strip District and Penn Avenue protected bike lane.
- This major commitment from PennDOT will go a long way in making the 800 block of E Ohio Street safer and more appealing in order to support ongoing redevelopment efforts.



# **Outreach & Coordination**

- PennDOT, Dan Cessna, P.E., & Cheryl Moon-Sirianni, P.E.
- Northside Leadership Conference
- PennDOT, Erik Porter, P.E., senior project manager
- Pat Hassett, City of Pittsburgh Department of Public Works, Assistant Director
- City of Pittsburgh Ped/Bike Coordinator Kristin Saunders
- BikePGH, Eric Boerer
- October Development, John Elash
- State Senator Wayne Fontana
- East Ohio Street Consultant Baker Engineering

### Bike Lane Coordination

- November 24, 2014 Northside Community Development Group Meeting
- January 20, 2015 District/City/NCDG/CASGED/Bike Pittsburgh Meeting
- January 23, 2015 Initial Conceptual Bike Lane Proposal
- February 9, 2015 District meeting to review bike lane traffic analysis
- February 18, 2015 City meeting to review bike lane proposal
- March 2, 2015 Finalized Conceptual Bike Lane Proposal
- March 4, 2015 Public Meeting







# Neighborhood Support



NEWS EVENT CALENDAR MAP & DIRECTORY

### Public Meeting: East Ohio Street Corridor

PennDOT is holding a Public Meeting on **Wednesday, March 4**, to discuss the East Ohio Street Improvement Project. The proposed project includes the busy section of East Ohio Street near the 16th Street Bridge, where there are multiple ramps, exits and entrances that service the bridge, East Street and I-279. The project includes roadway reconstruction and bridge preservation work, traffic signals, pedestrian upgrades, pavement markings, and includes an evaluation of potential bike lanes within the area. Learn more details about this meeting by reading PennDOT's Public Meeting Notice.

The proposed project will be a step toward making East Ohio Street a safer bicycle connection from North Side neighborhoods to the North Shore Trail, the 16th Street Bridge, the Strip District, and the Penn Avenue bike lanes. Pedestrian improvements will make the entire corridor safer for all users. The changes are expected to make the area feel much more like a neighborhood street than an interstate highway ramp.

Make plans to attend this community meeting and show your support for improved bike lanes and safer pedestrian access.

The East Ohio Street Improvement Project meeting will be held on **Wednesday, March 4** from **5:00 until 6:30 pm** at Pittsburgh's Grand Hall at The Priory, located at 614 Pressley Street in neighboring East Deutschtown. The presentation will begin at **5:10 pm**.

Start date

End date



Shop ACCA Buy Merchandise

#### FEATURED LISTING

search.



Carnegie Library of Pittsburgh-Allegheny

CONNEC

#### LET'S BE FRIENDS

To use Facebook's social plugins, you must switch from using Facebook as Pashek Associates to using Facebook as John Buerkle Jr.

March 4 2015 5:00 pm

March 4 2015 6:30 pm

# Cycling Community Support

	Login					<b>?</b>	
KE GH!	About	Get Involved	Our Work	Events	Resources	Shop	Search Q
1	Home »	Blog » East Ohio :	Street Bike Lan	ies Could B	e on the Way		
Log In	nio Stro	eet Bike La	ines Cou	ld Be o	n the Wa	у	Become a Member
2. Are 3. You	: you a daily co ir primary mod	mmuter, local resident, le of transportation? V	local business owr	ner, other?	Commuter estrian, Other?		Volunteer
4. Do ye	ou support the	addition of exclusive bi	12 12 12	1101			Newsletter
5. Are the project? Yes_X	ere other impr	ovements that could be f yes, please describe the	considered as par	t of this maint	mance type	_	Monthly emails, no SPAM.
		n still voice your support		reet bike lanes (	n the comment form	below.	Featured

#### "Do YOU support the addition of exclusive bike lanes on East Ohio Street?"

The Northside is getting a makeover. A full reconstruction of East Ohio Street, Madison Ave, East Street and several on and off ramps in the area will be included among other improvements. Earlier this week, PennDOT led a public presentation on the revised plans at the beautiful Priory Grand Hall.

I love a good public meeting and this was a *great* public meeting. Candy bowl? Check. Project plans on easels? Check. Business owners, residents (young and old)? Check. Slide presentation? Heck yeah. If you missed it, you're in luck: Read through our meeting recap and you can still comment on the plans. We'll send your feedback to PennDOT.

#### **Bike and Pedestrian Improvements**

**BikeFest** 

projects

Map

101

PEDAL

AUG 8-24 Pittsburgh Bike

**Bike Commuting** 

Pedal Pittsburgh

Car Free Fridays

## **State Support**

42ND DISTRICT WAYNE D. FONTANA SENATE BOX 203042 HARRISBURG, PA 17120-3042 717-787-5300 FAX: 717-772-5484 932 BROOKLINE BOULEVARD PITTSBURGH, PA 15226-2106 412-344-2551 FAX: 412-344-3400 KENMAWE PLAZA 524 PINE HOLLOW ROAD KENNEDY TOWNSHIP, PA 15136-1661 412-331-1208 FAX: 412-331-2079 EMAIL: fontana@pasenate.com wge: www.senatorfontana.com TWITTER: @WayneDFontana



COMMITTEES

URBAN AFFAIRS & HOUSING, DEMOCRATIC CHAIR COMMUNICATIONS & TECHNOLOGY COMMUNICY, ECONOMIC & RECREATIONAL DEVELOPMENT LAW & JUSTICE RULES & EXECUTIVE NOMINATIONS POLICY

Senate of Pennsylvania

February 18, 2015

Mr. H. Daniel Cessna, District Executive PennDOT District 11-0 45 Thoms Run Road Bridgeville, PA 15017-2853

Dear Dan:

Please consider this letter as evidence of my support for the Northside Leadership Conference's (NSLC) request to include bike and pedestrian infrastructure into the repaying project at the 800 block of East Ohio Street. I understand the NSLC's Bike-Ped Committee has submitted a map of proposed improvements that are under consideration.

I appreciate your efforts in communicating with the community on this project and for considering their input. As you are aware, the area in question is currently very dangerous for both bicyclists and pedestrians. In this neighborhood, and in many others throughout my Senatorial District, I am increasingly hearing from residents that want dedicated and safe areas to both ride and walk.

I realize there can be challenges in balancing the needs of motorists, bicyclists and pedestrians in any project, but this community is feverishly working to improve access for all its residents and I am hopeful you will give their input the consideration it deserves.

Thank you in advance for your consideration. If I may provide any additional information, or answer any questions, please do not hesitate to contact me at 412-344-2551.

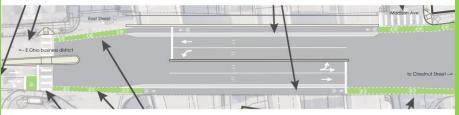
Sincerely,

State Sonator, 42<sup>nd</sup> Senatorial District

Cc: Mr. Mark Masterson, Northside Leadership Conference Bike-Ped Committee

### E Ohio Street Reconstruction - Community Meeting

```
Thursday, March 4 at 5:00 p.m.
The Priory Hotel (614 Pressley Street, Pittsburgh, PA 15212)
```



Join the Northside Bike-Pedestrian Committee in supporting bicycle and pedestrian infrastructure improvements on E Ohio Street. These improvements will increase safety and livability for people who walk, bike, and drive. We want this to be known as more than just bike lanes, but as an example of PennDOT listening to community needs and moving towards more equitable transportation practices.





#### The Department is also evaluating potential bike lanes on E Ohio St.

For this to happen, we need to show neighborhood support for safer, more livable streets. The Northside Leadership Conference Bicycle and Pedestrian



AUG 8-24

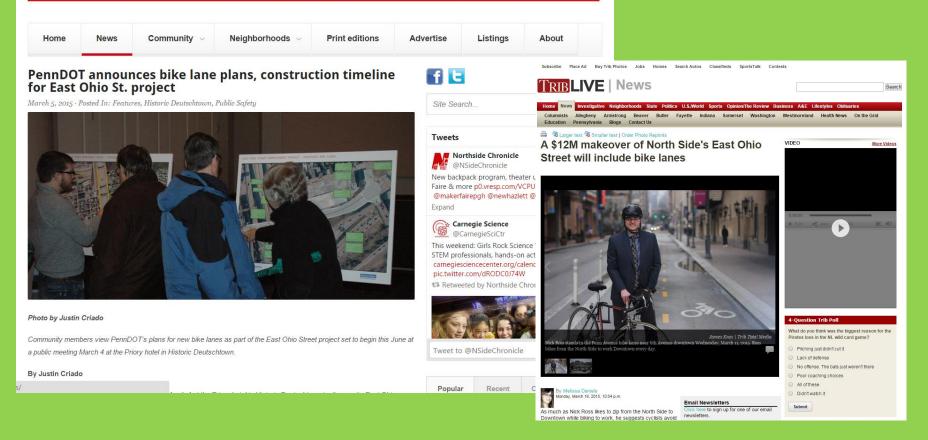
BikeFest

Car Free Fridavs

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## **NORTHSIDE CHRONICLE**

THE COMMUNITY NEWSPAPER OF PITTSBURGH'S NORTHSIDE



# **Success!**

### SPC Ped. and Bike Advisory Committee

S.R. 4084, Section A04 (East Ohio Street Improvement Project) **East Ohio Street Bike Lanes** City of Pittsburgh, Allegheny County

Erik M. Porter, P.E., Senior Project Manager PennDOT Engineering District 11-0

Southwestern Pennsylvania Commission May 13, 2015







# **Success!**

#### District 11 Design Consultant Meeting





#### Bicycle Accommodations

- Contact municipality to determine if bicycle accommodations are included on the comprehensive transportation plan
- All roads other than interstates should be using bicycletolerable rumble strips
- Do not use edge-line or shoulder rumble strips on roads with frequent bicyclists





# **Success!**

#### Bicycle Accommodations



- Signed Routes
- Shared Lane Markings
- On-Street Bike Lanes
- On-Street Buffered Bike Lanes



- Separated Bike Lanes
- Off Street Trails/ Sidepaths



# **Project Timeline**

### Anticipated Schedule and Costs

#### Anticipated Design - Construction Schedule and Estimated Construction:

Completion of Final Design	March 2015
Advertise for Construction	April 2015
Bid Opening	May 2015

Year 1 Construction- East Street, Madison Avenue, and Ramp AStart ConstructionJune 2015Finish ConstructionNovember 2015

Winter Hiatus

November 2015 to March 2016

Year 2 Construction– East Ohio Street, Chestnut Street, Ramp J, and Ramp KStart ConstructionMarch 2016Finish ConstructionOctober 2016

Total Estimated Construction Cost: \$11.5 Million







## **NORTHSIDE CHRONICLE**

THE COMMUNITY NEWSPAPER OF PITTSBURGH'S NORTHSIDE

Home	News	Community 🧹	Neighborhoods ~	Print editions	Advertise	Listings	About		
construc	tion July	13	nprovement Pro	oject to start	f	3			
July 9, 2015 · Posted In: Briefs, Latest Northside News						Site Search			
		of the East Ohio Street/East r permitting, according to a	st Street Improvement Project i press release.	n Historic and East Deutsch	Tweet	5	🈏 Foll		
		the management of the second	on Madison Avenue and East S	Street. Traffic restrictions will		Northside Chronicle     Northside Chronicle			
ccur on both roa	dways according	to the following schedule:			Faire &	ckpack program, the more p0.vresp.com/\ rfairepgh @newhazl	CPUAX		
londay, July 13 – Friday, July 17					100	Carnegie Science 100 @CarnegieSciCtr			
Overnight single-lane restriction of Madison Avenue from 8 p.m. to 6 a.m. from East Street to East Ohio Street						This weekend: Girls Rock Science Weekend with STEM professionals, hands-on activities + more			
unday, July 19					carnegi	esciencecenter.org/c ter.com/dRODC0J74	alendar/event		
Around-the-clock single-lane restriction of Madison Avenue, from East Ohio Street to East Street, will go into effect at 8 p.m. through mid-November						Retweeted by Northside Chronicle			
unday, July 26					The second				
	single-lane restrie nrough mid-Nover		e I-279 Parkway North off-ramp	to East Ohio Street, will go	ill go into Tweet to @NSideChronicle				
					Popul	ar Recent	Comments		

# **Lessons Learned**

### Lessons Learned

- The need to establish a Regional Comprehensive Plan.
- Evaluate bicycle accommodations early in the design process, especially for projects in the City of Pittsburgh.
- Think "outside of the box", too often we are so used to completing a
  project like we have done before that we could have treated this project
  that same way.





17



## **Lessons Learned**

- Patient persistence, develop positive relationships
- Do not wait until the last minute, get involved as early as possible
- Work within the parameters given

# Questions



# **Thank you!**

