

Getting Things Done...Now!

NJ Complete Streets Summit Tony Garcia

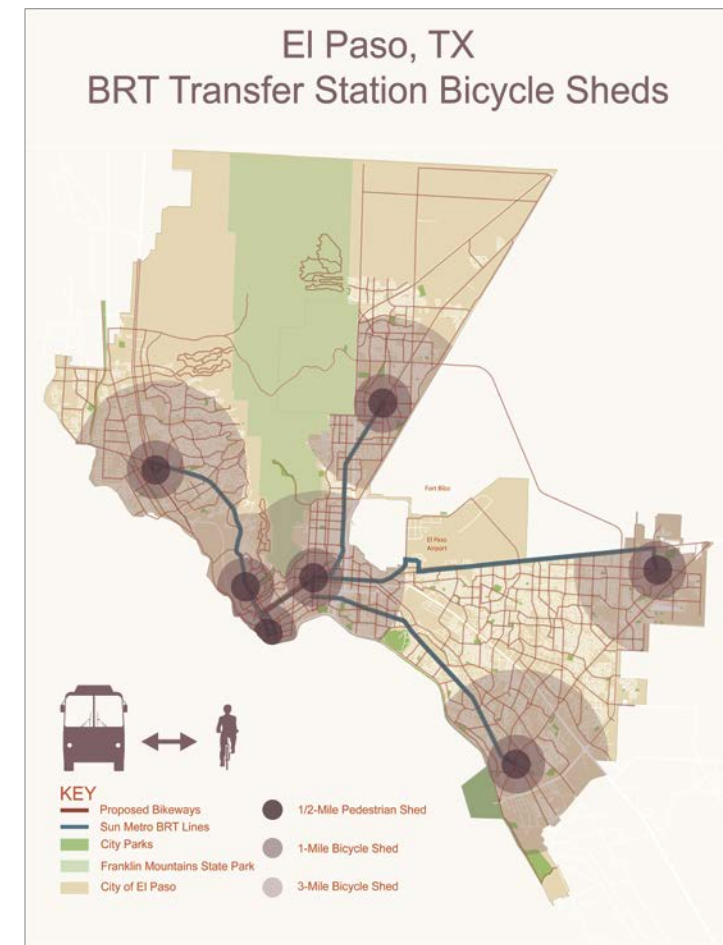
STREETPLANS
MIAMI SAN FRANCISCO NEW YORK



Better Streets, Better Places

- Transportation Planning
- Placemaking + Tactical Urbanism
- Architecture
- Public Outreach
- Training | Workshops

STREETPLANS
MIAMI NEW YORK



Visualizing Safe Streets



Existing

Automobile Space: 80%

People Space: 20%

Awesome! Now What?!



Proposed

Automobile Space: 50%

People Space: 50%

Real Change is Hard!



This is where it all started



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Search



[Visit Miami Beach – Come See Our Parking Garages](#)

[New Metrorail Train Cars Remain within the Cone of Silence](#)

Action Alert: MDX Expansion Plan Review

by [COMMUNITY COMMENTARY](#) on JANUARY 24, 2012 · [2 COMMENTS](#)

Do you love the Everglades? If so, then come to a meeting tonight.



Miami Dade Expressway Authority plans to use money from existing toll

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Transit Miami

RT
@MyFDOT_Miami:
Rescheduled:
Full Closure
of SR 836.
<http://ow.ly/d/uOF>

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TweetDeck

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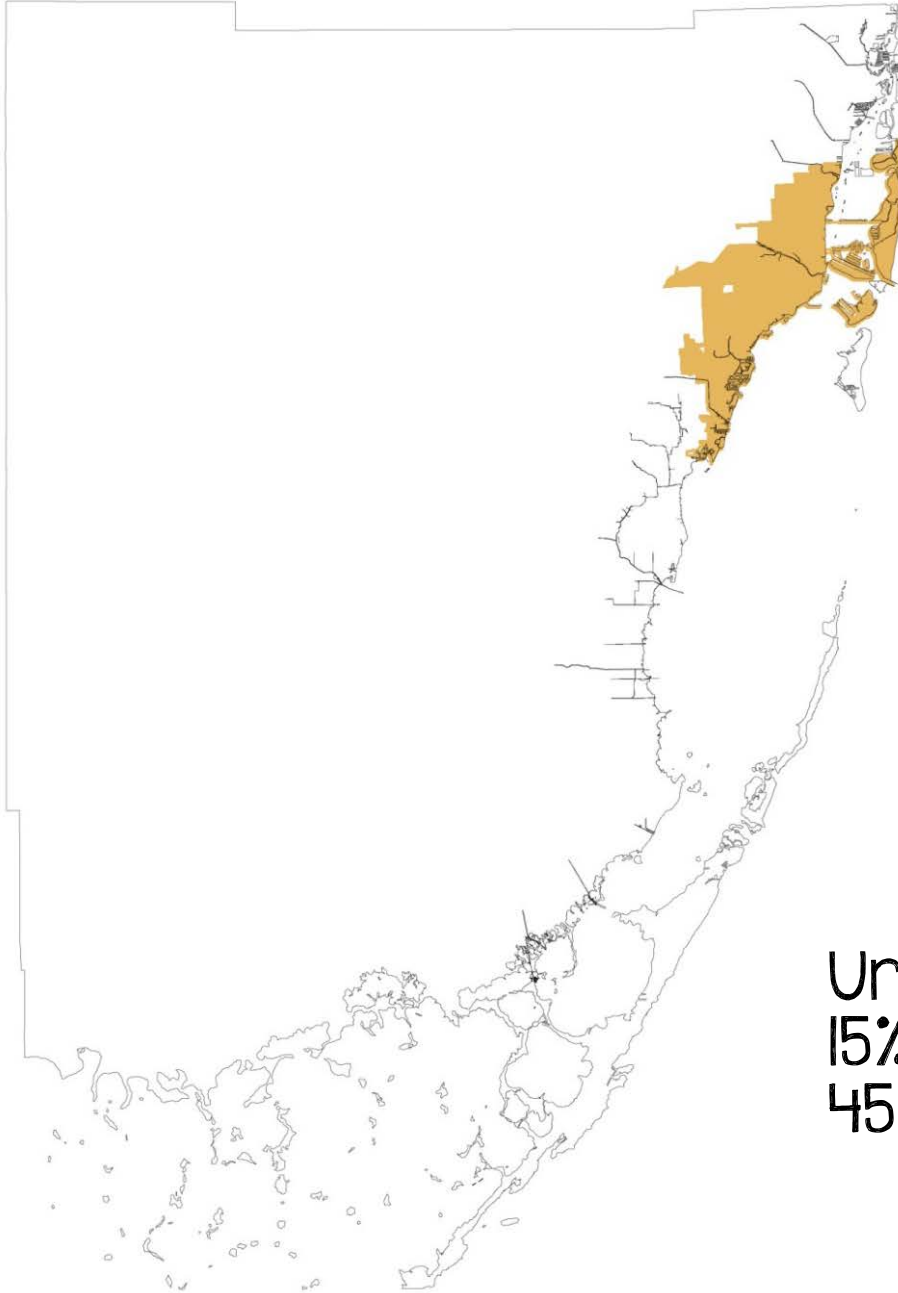
CONTACT US!



RECENT COMMENTS

[Zach on Miami Bicyclists Ride to Say 'We Love Our](#)

WE NEED BETTER TRANSIT NOW!



Urban Areas =
15% of Land Area (284 sq mi)
45% of Population (1.1 Million)

This is what was promised in 2002

COUNTY

County Transportation Expansion Question

Shall the County implement the People's Transportation Plan including: Plans to build rapid transit lines to West Dade, Kendall, Florida City, Miami Beach and North Dade; expanding bus service; adding 635 buses; improving traffic signalization to reduce traffic backups; improving major and neighborhood roads and highways, including drainage; and funding to municipalities for road and transportation projects by levying a ½ percent sales surtax whose proceeds will be overseen by the Citizen's Independent Transportation Trust?

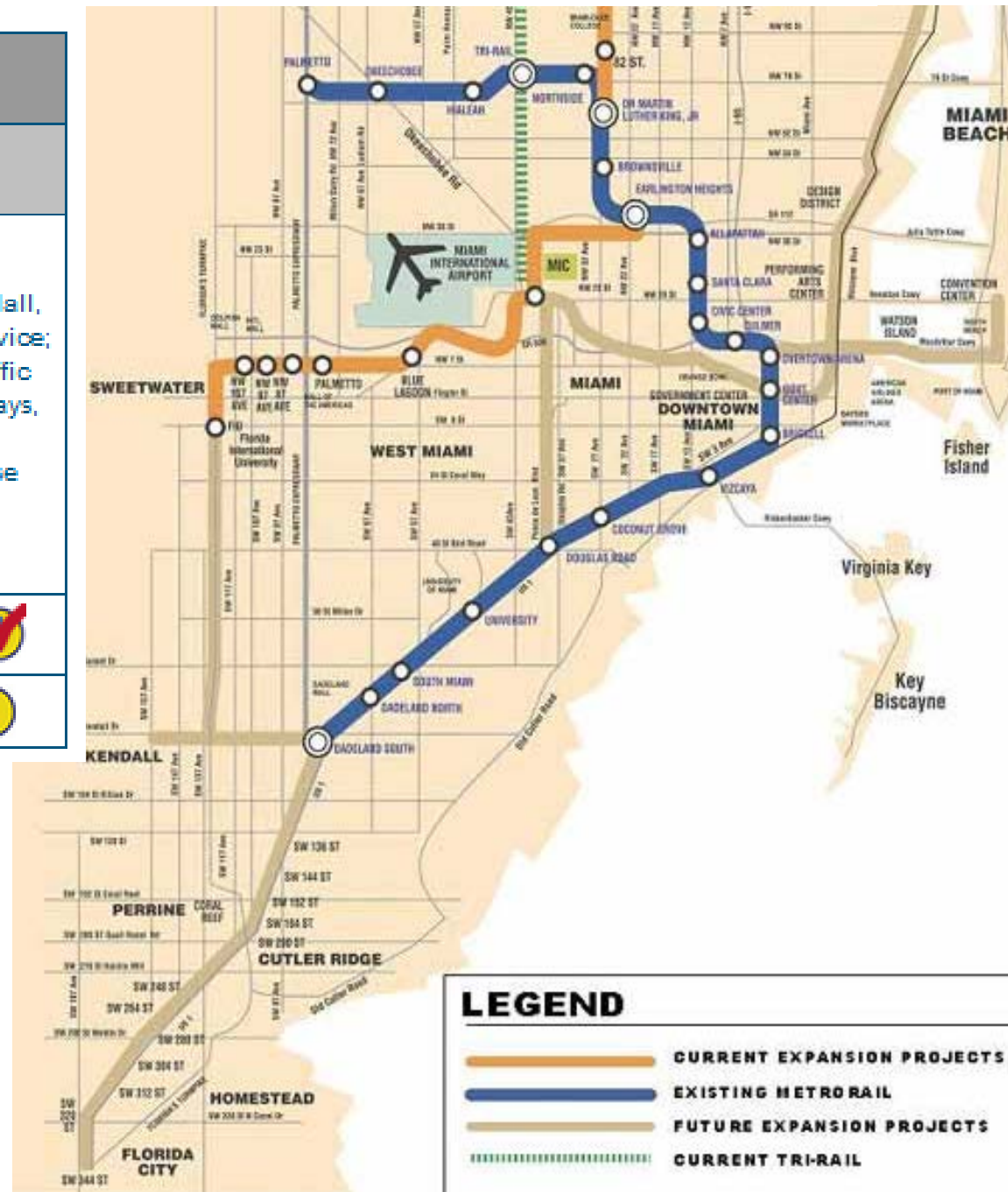
YES

134



NO

135



This is what we got \$2B + 10 yrs later





Lessons In Iterative Design

- **2009** – 3-day pop-up plaza, with lawn chairs
- **2010** – Pilot plaza with paint and temporary materials
- **2012** – Iterate design, evaluate outcomes, move forward with permanent design
- **2014** – Permanent plaza construction underway
- **2015** – Project Complete!

Great Recession



Low Trust in government

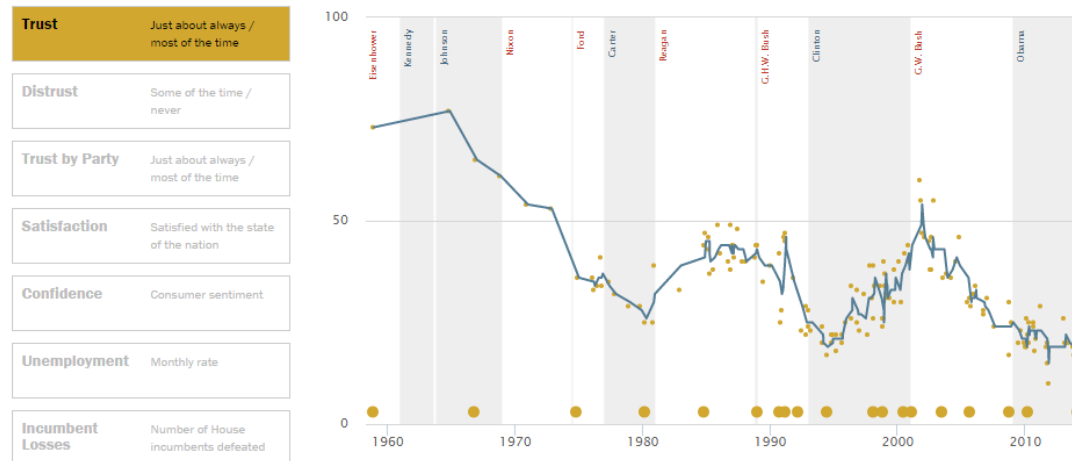
NOVEMBER 13, 2014



Public Trust in Government: 1958-2014

Public trust in the government remains near historic lows, although somewhat higher than during the October 2013 government shutdown. In a survey conducted in February 2014, 24% said they trust the government in Washington always or most of the time.

Explore public attitudes towards the federal government over time and compare the data with other key national indicators, such as consumer sentiment, the unemployment rate and changes within the elected leadership.



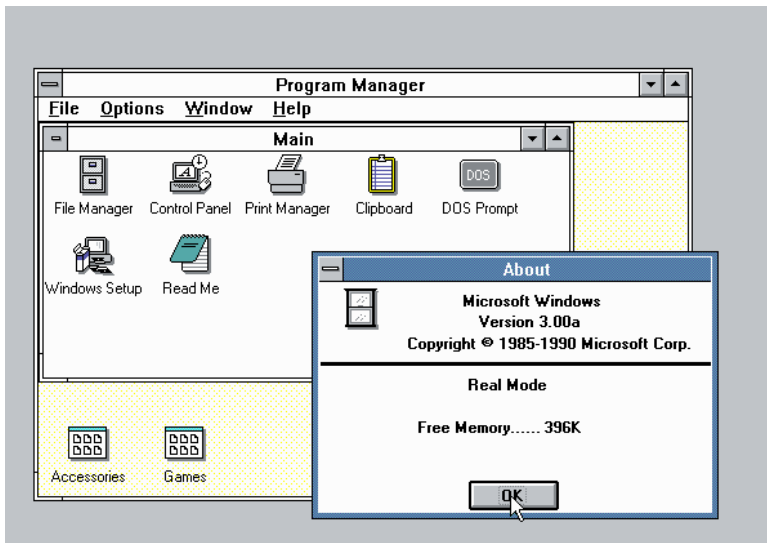
Public planning process broken

- (too) large scale aka. “Silver Bullet”
- Lack of transparency
- One way / static input
- Inflexible / Not results oriented

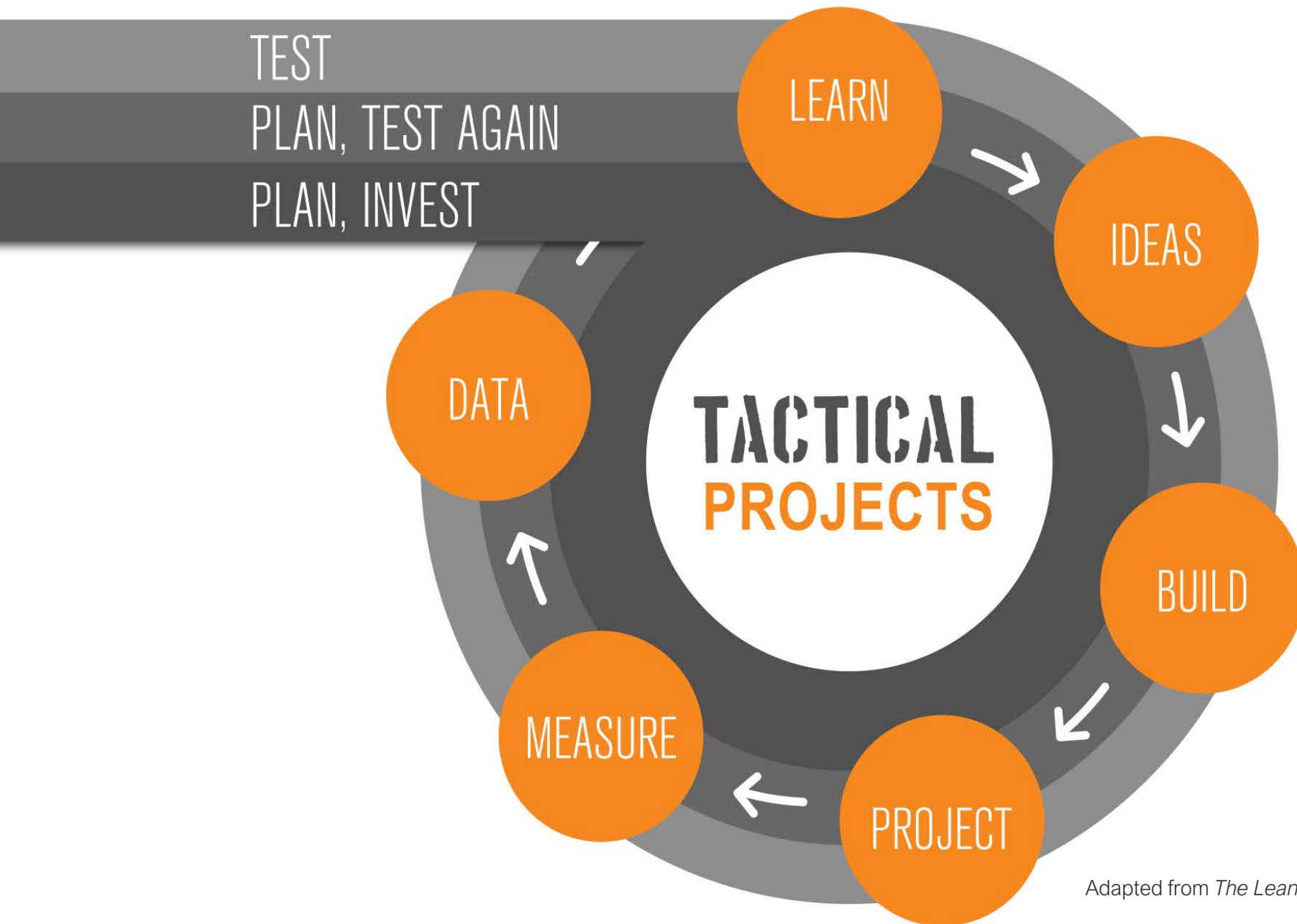


Expectation of progress + innovation

- We expect software + products will always get better.
- We are willing to tolerate imperfections; in fact these are expected.



BUILD, MEASURE, LEARN



Adapted from *The Lean Startup* by Eric Ries

The Tactical Urbanism Spectrum



CONDITIONS FOR AN UNSANCTIONED PROJECT

- » Intervention is smaller in scale
- » There are few if any organizational champions
- » Leaders aren't willing to address existing plans, policies, project delivery protocols with action
- » Can't find a way to utilize the system
- » City/entities will not help obtain/expedite permits, traffic control plans etc.

CONDITIONS FOR A SANCTIONED PROJECT

- » Intervention is larger in scale
- » You have identified organizational champion(s)
- » There are existing plans and/or policies that city leaders want to address with action
- » There are ways to use the system creatively
- » City/entities will help obtain/expedite permits, traffic control plans etc.

In *Planning by Doing*, Gehl Studio created a Scope Compass, providing another way to outline how a project could be positioned within the spectrum of sanctioned to unsanctioned, and across the axes of time intervals, from short-term to long-term. To read more in the *Planning by Doing* document, visit: bit.ly/GehlPlanningbyDoing

A high-angle photograph of a person walking away from the camera on a dirt path in a park. The path is bordered by green grass and young trees. To the right, there is a paved walkway with benches and a black lamppost. In the background, a brick building is visible. The scene is brightly lit, suggesting a sunny day.

It's about balancing Planning with real life

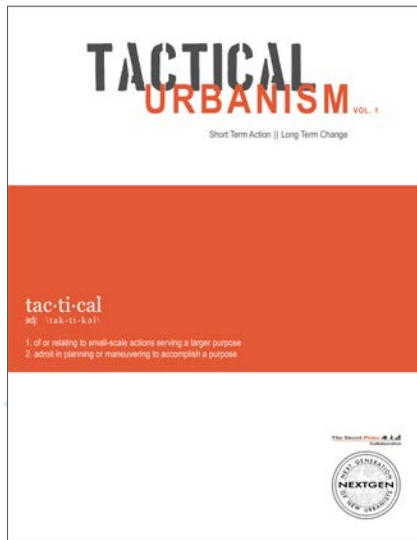
User experience

Design

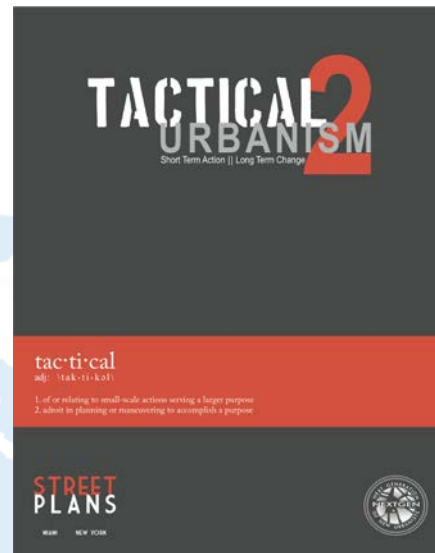
And Putting the *Making* back in Placemaking



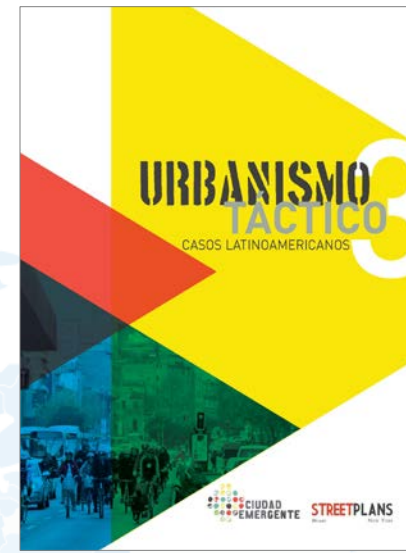




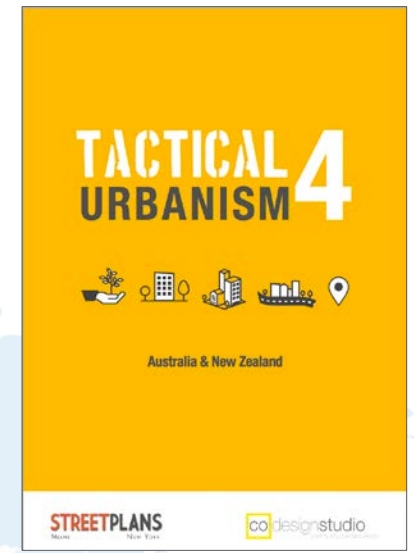
2011 – North America



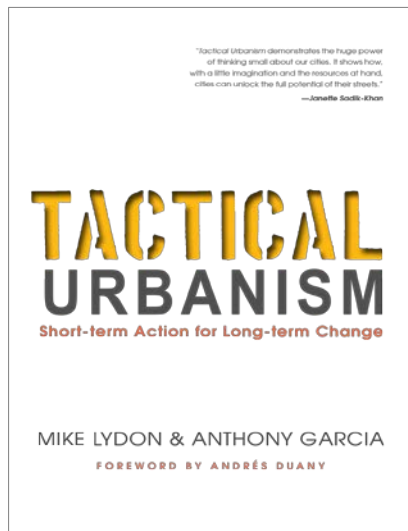
2012 – North America



2013- South America



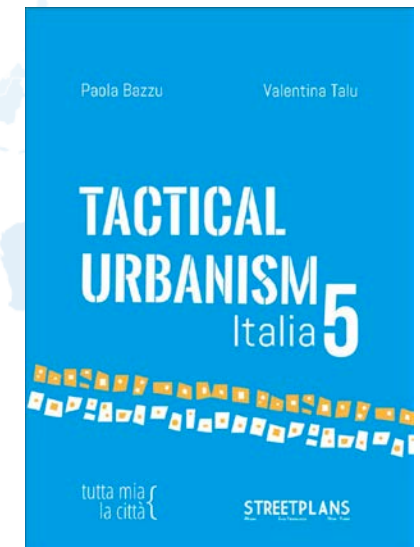
2014 – AUS / NZ



2015 - Book



2016 – North America



2017 - Italy

tacticalurbanismguide.com

THANK YOU

To our funders:

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For review support:

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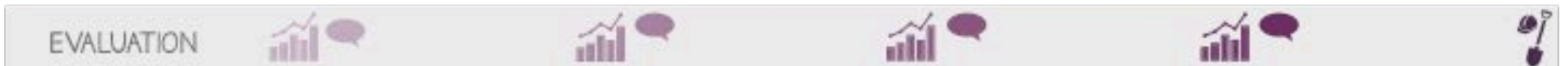
To our project partners and the many practitioners who provided information through interviews, emails, or phone calls:

Robin Abad | Urban Designer & Planner, San Francisco Planning Dept. | San Francisco, CA
Michael Andersen | Staff Writer, PeopleForBikes | Portland, OR
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Bryan Jones | Principal, Alta Planning + Design | San Diego, CA
Daveed Kapoor | Director, Utopiad.org | Los Angeles, CA
Matt Lasky | Project Manager, SFMTA | San Francisco, CA
Nicole Losch | Transportation Planner, City of Burlington | Burlington, VT
Craig MacPherson | Sybertech Waste Reduction Ltd | White Rock, Canada
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Lilly O'Brien | Program Manager, LA Great Streets Initiative, Office of Mayor Eric Garcetti | Los Angeles, CA
Brian Oh | Transportation Planner, City of Los Angeles | Los Angeles, CA
Stephen T. Patchan | Senior Planner, Active Transportation, SCAG | Los Angeles, CA
Max Podemski | Planning Director, Pacoima Beautiful | Los Angeles, CA
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Matt Roe | Designing Cities Director, NACTO | New York, NY
Jay Ruegner | Western U.S. Regional Sales Manager, PEXCO | Boise, ID
John Paul Schaffer | Program Director, Livable Memphis | Memphis, TN
Craig Schulz | Technical Sales/Design Engineer, PEXCO | Tacoma, WA
Shahram Shariati | Project Manager & Transportation Engineer, SFMTA | San Francisco, CA
Krysia Solheim | Owner, Viosimo | New Haven, CT
Andrew Stober | VP Planning/Economic Dev., University City District | Philadelphia, PA
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Jason Van Driesche | Deputy Director, Local Motion | Burlington, VT
Randy Wade | Director of Pedestrian Projects, NYCDOT | New York, NY
Valerie Watson | Transportation Planning Associate II, LADOT | Los Angeles, CA
Eric Widstrand | City Traffic Engineer, City of Long Beach | Long Beach, CA
Nathan Wilkes | Engineer, City of Austin | Austin, TX
Bob Wilson | CFO, Statewide Striping | Parsippany, NJ
Cliff Wilson | Director of Operations, Statewide Striping | Parsippany, NJ
Howard Wu, AICP | Associate Transportation Civil Engineer, City of Seattle | Seattle, WA

Project Delivery Spectrum

BikeNWA
←→

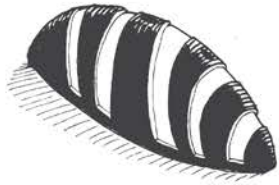


- very low budget
($< \$10,000$)
- short timeline
(< 1 week)
- Citizen led

- low budget
($< \$100,000$)
- Short timeline
(6 mo – 1 yr)
- developer, non-profit, gov't

- modest budget
($> \$200,000$)
- extended timeline (1-3 yr)
- gov't led

ARMADILLOS



Typical Dimensions: Available in 3 and 5" length sizes, Requires 1.5ft of width for buffer area.

Estimated Cost: \$40-50 per unit, depending on size and quantity ordered.

Overview: Low, mountable plastic bump that can be used to achieve a curb-like barrier effect.

Demo (1 day-1 wk.)

► Pilot (1 month - 1 yr.)

► Interim (1-5 yrs.)

Recommended Applications and Installation

► **Bike Lanes:** Place cones along edge of lane, 1 every 5-8 ft. Installation does not require specialized equipment. Simply drill holes and install. A team of three people can install about 100 meters in a day. The product's pre-sunk bolt holes can accommodate anchors of various sizes.

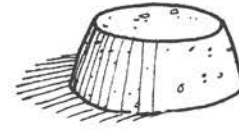
Tips and Considerations

- » Easily Installed and removed.
- » Durable and mountable for emergency vehicles, city service vehicles, etc.
- » Minimal/no stormwater obstruction.
- » Set armadillos at an angle to allow cyclists to cross barrier if necessary.
- » Low visual profile can lead to a decreased perception of safety for people walking or biking.
- » Manufacturer recommends using mechanical anchors with chemical adhesives. Plastic mechanical anchors are not recommended.

Potential Sources

- » Purchase from traffic control or construction equipment suppliers.

CONCRETE "TURTLE" BUMPS



Typical Dimensions: Require 1.5 ft. of width.

Estimated Cost: \$3-5/ft. (\$15k-\$30k/lane, per mile)

Overview: Often used as barrier near light rail tracks, these low, mountable bumps can be used to achieve a curb-like barrier effect.

Demo (1 day-1 wk.)

► Pilot (1 month - 1 yr.)

► Interim (1-5 yrs.)

Recommended Applications and Installation

- **Bike Lanes:** Place cones along edge of lane, 1 every 5-8 ft. Affix to pavement using chemical adhesives such as epoxy.
- **Curb Extensions and Plazas:** May be combined with planters or other barrier elements to define the edge of a plaza or curb extension. Affix to pavement using chemical adhesives such as epoxy.

Tips and Considerations

- » Note that installation/set time will be impacted by weather and temperature. Buttons should be allowed to fully set before sustaining any impact.
- » Durable and mountable for emergency vehicles, city service vehicles, etc.
- » Minimal/no stormwater obstruction.
- » Low visual profile can lead to a decreased perception of safety for people walking or biking.

Potential Sources

- » Purchase from traffic control or construction equipment suppliers.

Why Tactical Urbanism?

- ✓ Expedite **delivery of public benefits**.
- ✓ **Test a program, project or plan** before investments are made.
- ✓ Allow people to **physically experience alternative options**.
- ✓ **Widen public engagement** from real-world users.

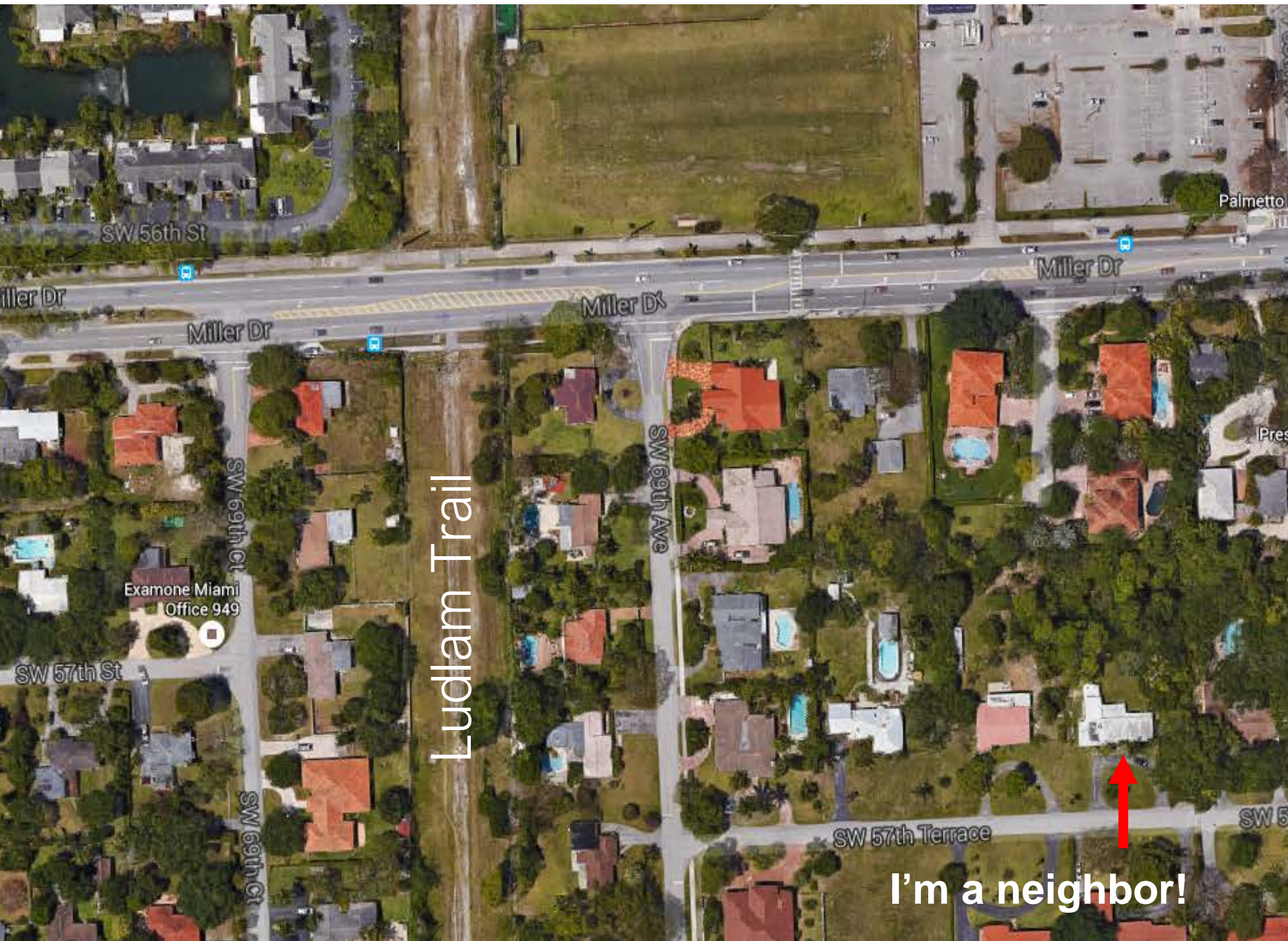


I. Widen Public Engagement + Accelerate Public Benefits

Ludlam Trail Case Study

August 2015






Ludlam Trail

I'm a neighbor!

A Public Hearing is not a Public Process

 Ludlam Trail Corridor Charrette • Follow-Up Presentation The community is invited to see the results of the recent Ludlam Trail Corridor public workshops.	
District 6 Commissioner Rebeca Sosa Thursday, April 23 at 6:00 pm West Miami Middle School 7525 Coral Way Miami, FL 33155 <i>The study area for District 6 includes the FEC Railroad Corridor from Blue Lagoon (NW 7th St.) to Bird Road (SW 40th St.).</i>	District 7 Commissioner Xavier L. Suarez Wednesday, April 29 at 6:00 pm South Miami Senior High School 6856 SW 53rd St. Miami, FL 33155 <i>The study area for District 7 includes the FEC Railroad Corridor from Bird Road (SW 40th St.) to the Snapper Creek Expressway (SR 878).</i>
For more information, please call: 305-375-2513	
Multiple members of individual community councils may be present. These events are free and open to the public. For sign language interpreter services and for materials in accessible format, call Alain Donderiz at 305-372-6779 five days in advance.	
For legal ads online, go to: http://legalads.miamidade.gov	

The public speaks



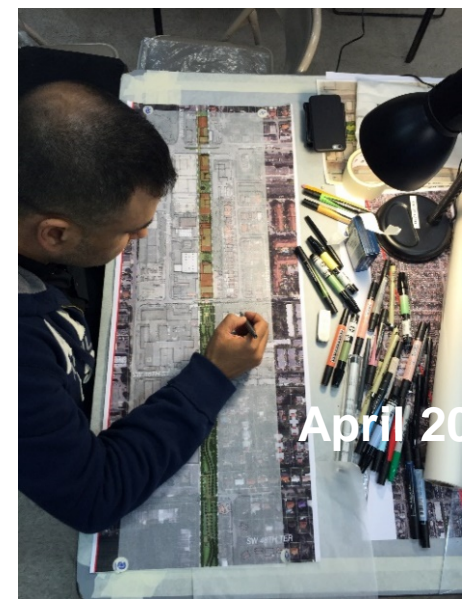
November 2014



September 2014



December 2015



April 20

I month + \$200k later....



October 2015

10-17-2015

What a difference a year makes!



2. Test Elements of Design + Physically Experience Design Alternatives

Bike NWA Case Study



Bike NWA

- 3 cities, 2 months!
- \$30,000 material budget
- 1 month duration
- Project Goals
 - Test bikeway types + materials
 - Build protected bikeways
 - Bikeway education
 - Building relationships + local capacity



So you have an idea? Assemble your Core Project Team

PRO Tips

- ✓ The core project team must include community partners. Cannot be exclusively consultants and city staff!
- ✓ Your team should have political cover; look for a high ranking champion.
- ✓ Core project team members should be in regular contact (these are your new best friends).



4 Main elements of TU Project Planning

- Communication (Branding + Public Outreach)
- Planning (Site Plan + Install Plan)
- Build (Procurement + Equipment)
- Evaluation (Data collection + Surveys)

Communication

Project Branding

Digital Communications

Public Outreach

Media Outreach

Start with a communication plan

The screenshot shows a Google Spreadsheet titled "BikeNWA Bella Vista" with a URL ending in "https://docs.google.com/spreadsheets/d/14_x7OccriiK-lARHfB7LnT7jcu4HxUyKOp1israP8/edit#gid=952326980". The spreadsheet is titled "Communications Plan" and contains the following content:

1	Communications Plan
2	
3	Kick-off Meeting #1 - September 28th, 2016, 6:30 – 8:00 pm (Central time), Cooper Elementary
4	Post the meeting information through a press release to local newspaper, BikeNWA website, and social media.
5	Press Release sent out September 19, 2016
6	September 20: Local News – Press Release to be sent by Cassi Lapp
7	September 21-23: Social Media post/Facebook Invite through City of Bella Vista to be shared by BCO and city.
8	September 28th Morning: TV Interview – Bella Vista TV; canceled
9	September 27th Morning: Radio Interview – Sherry! to reach out
10	Social Media ongoing starting on September 21-23
11	Hand out postcards to invite and include people in the demonstration project, volunteer solicitation.
12	
13	Demonstration Project, October 27-28
14	Press Release – send out Friday, October 21
15	Monday, October 24rd – Reach out to state newspaper, radio stations
16	October 27 - TV interview with Cassi, TV 5
17	October 27 - Photographer takes before pics
18	October 28 - Dem Gazette Photographer on Site
19	October 28 - Time Lapse Photography - All day
20	October 29 - After photos
21	
22	On-going Social Media Strategy
23	Cassi Lapp will post on City of Bella Vista Social Media, everyone else should forward information.
24	
25	- September 21 - 25 (3 posts):
26	o Save the date: Sept 28 event invite and info
27	o Every other day post on general information of bicycle infrastructure and the different types of bicycle lanes/ways/tra
28	o 1st Meeting Event invite and information on general project idea (no specific maps)
29	
30	- September 26-29 (daily – one post):
31	o General information with event date countdown
32	
33	- September 28 (meeting live posts):
34	o Stream video, pictures as meeting occurs
35	

The spreadsheet interface includes a menu bar (File, Edit, View, Insert, Format, Data, Tools, Add-ons, Help) and a toolbar with various formatting and editing tools. The bottom of the screen shows a Windows taskbar with several application icons.

PRO Tips

- ✓ Communications plan includes:
 - ✓ Dates for Media outreach
 - ✓ Dates for Public outreach
- ✓ Talk to folks who already have media connections + outlets.
- ✓ Rely on partners to spread the word and make connections

Project Branding



November
2016

#IBikeRogers
#BikeNWA2016

What is BikeNWA?

BikeNWA is a series of month-long bikeway pilot projects in the Cities of Bentonville, Rogers, and Bella Vista, AR.

This pilot project will enhance mobility in Downtown Rogers, and better connect the Activity Center with the Railyard Bike Park.

Visit <http://bit.ly/BikeRogers> to take our brief survey!

bikenwa.org

Help us make a more bikeable *Rogers!*

Join us!

Downtown Farmer's Market
Thursday, Sept. 29 | 5:30pm

Connecting Downtown, the Railyard, and Lake Atalanta to the Activity Center

Digital Communication

Home - Dropbox x Small Business Banking x (7) Bike Bentonville x World Summit | Internati x

https://www.facebook.com/bikebentonville/

Bike Bentonville

Like Message Share More

BIKE BENTONVILLE

Bike Bentonville
@bikebentonville

Home
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Create a Page

Bike Bentonville shared Phat Tire Bike Shop's post.
November 4 at 5:05pm · 🌐

Want Bentonville to continue to grow as an awesome place to cycle?
Please take a couple of minutes to check out this survey. The new installation goes from Peddler's Pub, to the library, and then to the square!



Phat Tire Bike Shop added 3 photos and a video — with Scott Rumpy.
November 4 at 11:52am · 🌐

Bentonville's first dedicated bike lane is well under way thanks to a handful of volunteers and Bentonville City workers. Who wants to see this bike lane stay permanently? Would you like to see more installed? Like, share and comment!
<https://www.surveymonkey.com/r/TT8N9FZ>

Like Comment Share

You and 34 others

Write a comment...

Contact Us

November 12, 2016 · 🌐

Like Comment

Jeremy Flowers
5★
October 29, 2016 · 🌐

Like Comment

Tell people what you think
★★★★★

PEOPLE ALSO LIKE

Downtown Bentonville ...
Community Organization · Like

Friends of Bentonville ...
Recreation & Fitness · Like

The Pedaler's Pub LLC
Bar · Like

Community Organizations in Bentonville, Arkansas

LIKED BY THIS PAGE

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Shimano-MTB · Like

Hoosier Mountain Bik... · Like

Ignacio Javier Garcia commented on Brian Jacobson's photo.

Evy Eileen likes mental_floss's link.

Mike Lydon ·

Mari Chael ·

Talia Capistrano ·

Douglas Thompson ·

Kristen Artom Thomas ·

Megan McLaughlin ·

Rima Gerhard ·

Rosa O'Brien ·

Marina Khoury ·

Christina Suarez ·

Benjamin Sirota ·

LOVE Erin Argyle Barnes ·

Christina Balzebre ·

José Carlos Mota ·

Dave Crisafi ·

Galina Tachieva ·

Naomi M. Doerner ·

Marta Vciedo ·

Matt Haggman ·

MORE CONTACTS (5)

Alison Higgins ·

Search

Show all x

Bike NWA Bentonv...jpg

Ask me anything

10:43 AM
11/16/2016

Look for partners!



- Non-profits
- Downtown Associations
- Neighborhood associations
- BID
- Relevant industry partners
- Tourism Board
- Chamber of Commerce
- Local businesses

Planning

Site Planning

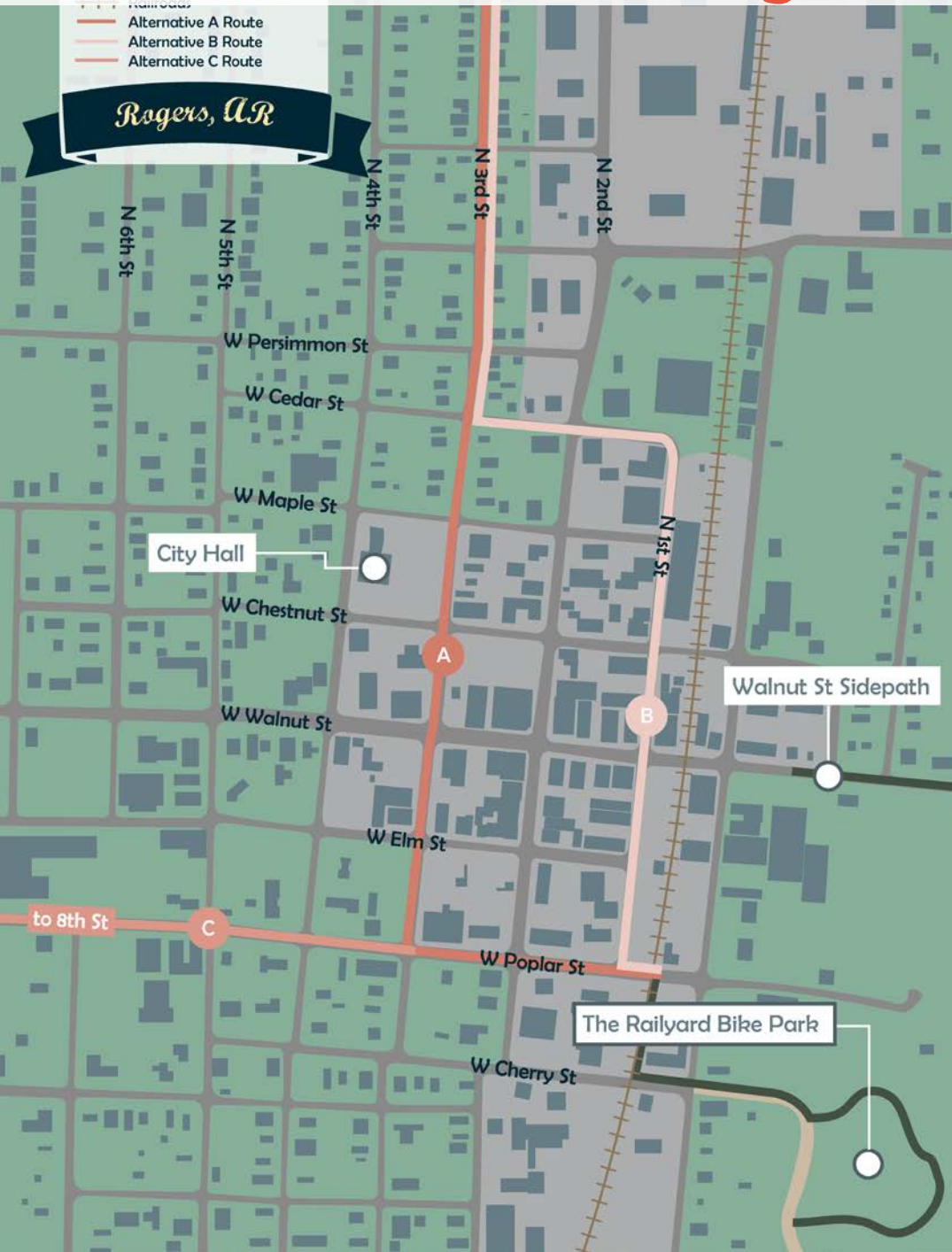
Install Planning

Programming*

All Alternatives

Start With Existing Plans + Studies

Rogers, AR



PRO Tips

- ✓ Identifying right project is key
- ✓ Don't get detailed yet
- ✓ Look for existing plans /studies that merit testing
- ✓ Identify the widest number of alternatives from the start
- ✓ Keep an eye on constructability + red flags. Some projects are easier to implement than others. (supportive businesses, ease of construction, politics...etc.)

Share plans early + often with Public



PRO Tips

- ✓ Hash out site plan ideas IRL
- ✓ Identify champions, volunteers, sponsors
- ✓ Leave meetings with homework – for you and public





PRO Tips

- ✓ Follow up with folks 1 on 1.
- ✓ Go door to door. The best way to communicate is still face to face.
- ✓ Make changes to the site plan based on what you hear and what resources start to pop up.

Talking to People We Don't Normally Talk To



The Build Team - Identify Team Roles

- Moneymakers (fundraisers)
- Hunter-Gatherers (materials)
- Makers (design/construction)
- Coordinators (logistics)
- Mouthpieces (communication)
- Documentarians (film, blog etc.)



Develop a site plan...

Bentonville Public Library

PRO Tips

- ✓ Include typical dimensions
- ✓ Note materials + install notes
- ✓ MUTCD Sign locations
- ✓ More clarity here means a smooth procurement process.



Setting the Date

INTERNATIONAL MOUNTAIN BICYCLING ASSOCIATION

STORE | LOGIN | REGISTER | SEARCH

ABOUT | EVENTS | INTERNATIONAL | PARTNER | PROGRAMS | RESOURCES | SUPPORT | BLOG

WORLD SUMMIT

Bentonville, Arkansas, November 10-12, 2016

"Building Tomorrow's Mountain Biking Today"

We would like to invite you to the seventh International Mountain Bicycling Association (IMBA) World Summit in Bentonville, Arkansas.

From Whistler, British Columbia in 2004 to Steamboat Springs, Colorado in 2014, IMBA's world summits always draw a worldwide audience. Each host community adds its distinct flavor, as leading representatives from mountain bike advocacy groups, land management agencies, and the bicycle industry gather to share success stories and plan the future of mountain biking.

Featuring Northwest Arkansas and its iconic trail systems within the Ozark Mountains, participants will experience the rugged beauty of this area exploding with mountain bike enthusiasts and see the unique trail connectivity that showcases both the bustling downtown city and the scenic Ozark landscape.

The World Summit program includes keynote speakers, educational sessions, an expo, networking and—of course—plenty of time to explore local trails.

Join us for the 2016 IMBA World Summit—you won't want to miss it!

SOLD OUT! Thank you for the outstanding turnout.

Still looking to be part of the event? Space is STILL available for the ICP MTB Clinics!



2016
INTERNATIONAL MOUNTAIN BICYCLING ASSOCIATION
WORLD SUMMIT
NOV 10-12
BENTONVILLE ARKANSAS

LOGIN
register

- Calendar
- Region Summits
 - Take a Kid Mountain Biking Day
- World Summit
 - Overview Schedule
 - Wednesday (11/9)
 - Thursday (11/10)
 - Friday (11/11)
 - Saturday (11/12)
 - ICP MTB Clinics
 - Presenters
 - Demo Bikes & Expo
 - Travel Info
 - Local Venue Riding
 - Shuttle Info
 - Bookend Rides
 - Sponsor/Exhibitor Info
 - World Summit VIP Experience
- IMBA Event Partners

 Tweet  11  Share 84

World Summit Sponsors

PRO Tips

- ✓ Set a date early and stick with it! (Blackmail yourself)
- ✓ Look at the event calendar and leverage existing events (i.e.. opening of trail, IMBA).
- ✓ Be aware of events that may impact your build.
- ✓ Pay attention to the weather. Have a contingency plan.

3-4 weeks out - Detailed Budget

BikeNWA Rogers - Google X

https://docs.google.com/spreadsheets/d/1bHKDy2FhhPdGI7Kzyq6AtGWfy3Xfuk-TTyWqVLq4KI/edit#gid=1009499328

BikeNWA Rogers

File Edit View Insert Format Data Tools Add-ons Help Last edit was on October 31

Yellow Highlight =

Red Text = Question to discuss

Category	Item	Quantity/Amount	Est. Total Cost	Source/Link
Traffic Control	cones	100+ cones	Donated	City
Traffic Control	Safety Vests	We purchased 11	Donated	Street Plans
Preparation	Industrial Trash Bags	1 box	Included Below	Home Depot
Preparation	Push broom + dust pan	2-3 push brooms and dust pans	Donated	Paxton has 1 push broom
Painting	Disposable respirator mask	Ideally need 2-3 for people spraying spray chalk. Masks sold in packs of 20 at ~\$20	Included Below	Home Depot
Wayfinding	Bike Signs (colorful, branded)	To create and print in house	Donated	City
Wayfinding	Zip ties for sign attachment (8")	3, 20-packs at \$4/pack	Included Below	Home Depot
Misc Materials	TBD	TBD	\$254	Home Depot, Lowes
Bike Path, Buffer, + Parking Striping	WHITE PAINT	34 Cases White	\$1,111	http://usccproducts.com/field-marking-paints/aerosol-field-marking-paints/spraychalk-temporary-chalk/p/16/2
Diverters	Planters	4 barrels, 10 - 9" Trough	\$1,239	https://secure.potterybarn.com/customer-service/order-shipment-tracking/results.html?z=0=33143&ordnum=06301778&bnid=3301019&cm_lte=order_tracking&tp=I-H43-Q2M-S-MA317-3Z-4A1CY-1c-VkyCVK-1eEG2e&cm_ven=Transm_cat=OrderConfirm&cm_pla=TransactionalOrderConfirm_em=TONY@STREETPLANS.ORG
Bike Lane Marking	BLACK OUT TAPE for existing markings	3 rolls of 8" x 120"	\$978	http://stop-painting.com/pavement-markings/black-line-masking
Conflict Zone + Diverters Paint	GREEN PAINT	26 Cases Green	\$849	http://usccproducts.com/field-marking-paints/aerosol-field-marking-paints/spraychalk-temporary-chalk/p/16/2
Center Line Striping	4" YELLOW TAPE	796', 265.3 yd, 1 roll = 120yd @ \$650/roll, 3 rolls	\$1,642	https://www.uline.com/Product/Detail/S-19407/3M-Spec-Tapes/3M-A270ES-White-Stamark-Pavement-Marking-Tape-x-30-yds
Stop Bars	12" WHITE TAPE	3 x 30 yd rolls, \$726/roll	\$2,581	https://3m.pack-n-tape.com/3M-A380IES-Stamark-High-Performance-Tape-White-12-in-x-30-yd-1-per-carton.html?gclid=IB2d2q6s8CFQeHgOdMREOHw
Conflict Zone Striping	4" WHITE TAPE	796', 265.3 yd, 1 roll = 120yd @ \$650/roll, 3 rolls	\$1,642	https://www.uline.com/Product/Detail/S-19407/3M-Spec-Tapes/3M-A270ES-White-Stamark-Pavement-Marking-Tape-x-30-yds
Bike Lane Protection	Armadillos	42 @ \$58.09 each @ 6" on center	\$2,369	https://www.trafficsafetystore.com/road-markers/zebra-lapartor-5#Z13YL
Bike Lane Protection	Surface Mount Plastic Delineators	80 for Rogers - \$24 each @ 10' on center	\$2,095	https://www.crowdcontrolstore.com/sm-700-surface-mount.aspx
Bike Lane Protection	Cycle lane delinator	45 for Rogers - \$50 each @ 8' on center	\$2,859	http://trafficlogix.com/products/services/cyclelane
Diverters	Planters		\$768	
Misc Planting Materials	Plants	Plants	\$250	Home Depot
TOTAL			\$17,620	

+ To Do List TIMELINE Staffing (day of) Materials Budget Materials Calcs Volunteers Stakeholders Evaluation Signage Plan Communicational

PRO Tips

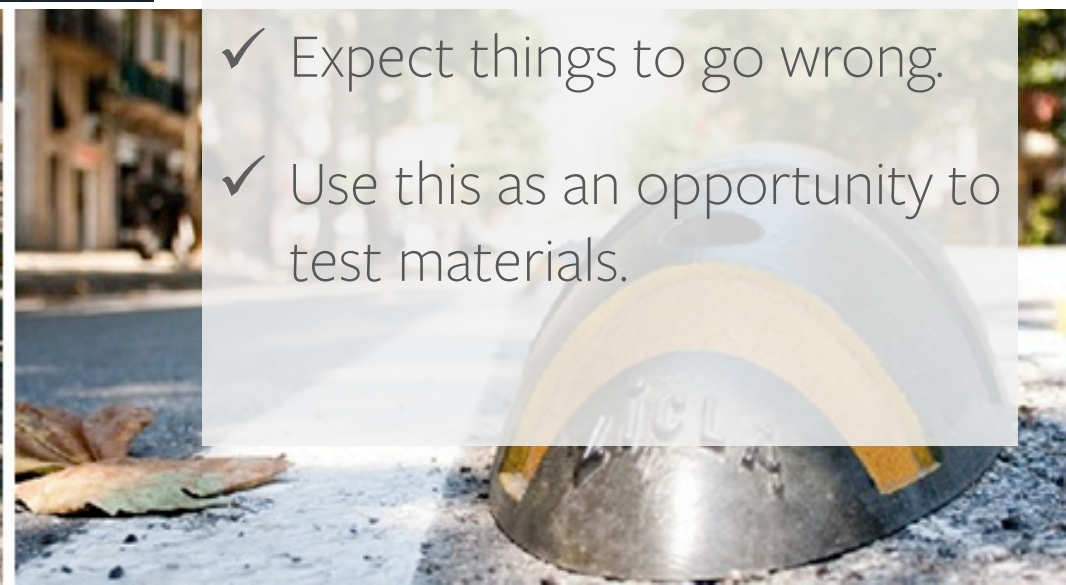
- ✓ Identify materials storage location early.
- ✓ Make sure you have access to storage for build day.
- ✓ Include a removal plan for everything.
- ✓ Identify stewardship of materials after project. Who will take care of removal and storage of items post-build?

Choosing the right materials



PRO Tips

- ✓ Consider durability - How long can the materials stay in the ground?
- ✓ Donated materials work for some items.
- ✓ Be mindful of long lead times for bulk/special orders.
- ✓ Expect things to go wrong.
- ✓ Use this as an opportunity to test materials.



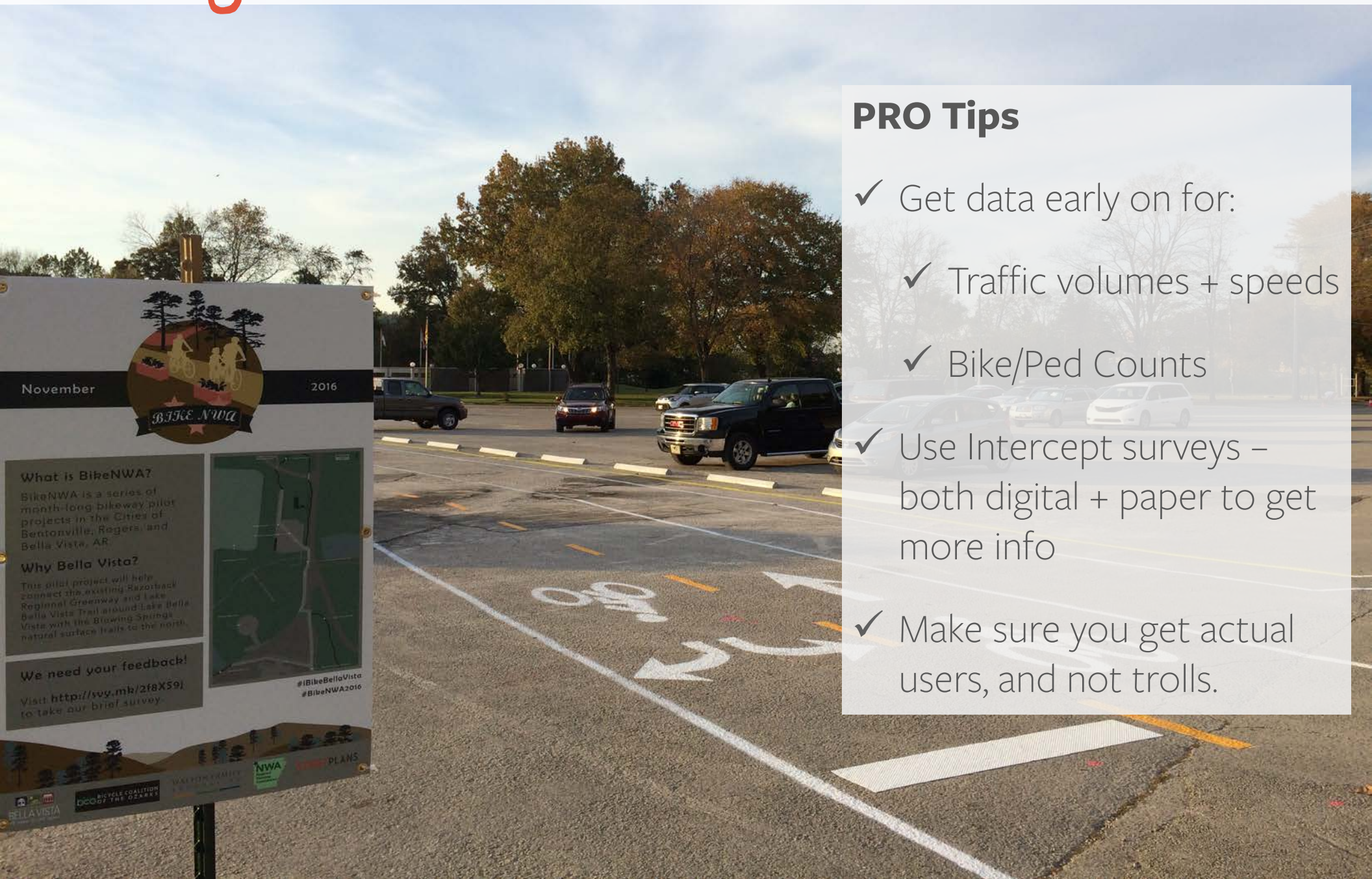
2-3 weeks out - Build Day Schedule

PRO Tips

- ✓ The team should have one captain. The person who is directing work and knows all.
- ✓ Designate activity captains. Practice makes perfect!
- ✓ Set up should happen in the days before. Blocking lanes, parking, prelim install can all happen prior.
- ✓ Know when to hold 'em and when to fold 'em. Be realistic about resources.

Evaluation

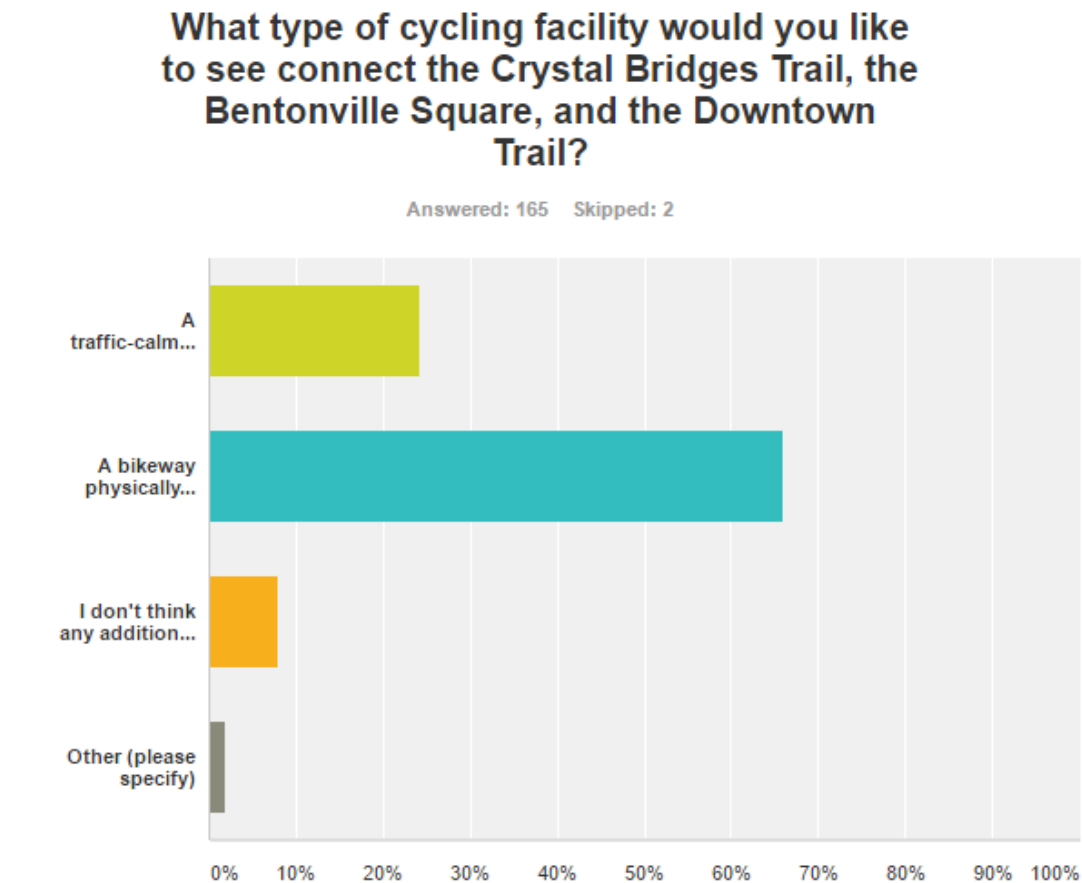
Surveys



PRO Tips

- ✓ Get data early on for:
 - ✓ Traffic volumes + speeds
 - ✓ Bike/Ped Counts
- ✓ Use Intercept surveys – both digital + paper to get more info
- ✓ Make sure you get actual users, and not trolls.

What we learned



“Absolutely I’d like a stronger/permanent connection. The option for using Cherry St instead of Poplar between 1st and 3rd is not given below. That is the route I think would be safest, most direct and the best overall option. Glad to have the experiment and hope you get a lot of feedback.”

Answer Choices	Responses
A traffic-calmed, slow speed street shared by people driving, walking, and cycling.	24.24% 40
A bikeway physically protected from moving traffic with a barrier.	66.06% 109
I don't think any additional cycling or traffic-calming facilities are needed at this time.	7.88% 13
Other (please specify)	1.82% 3
Total	165

Documenting the Project

PRO Tips

- ✓ Get creative with locations!
- ✓ Look for aerial shots from local buildings, cranes.
- ✓ Don't forget about time lapse photography and drone footage.
- ✓ Think about how the photos will build out plan when positioning shots.



The Build!

Putting it all together



Draw + measure first



PRO Tips

- ✓ Critical first step - measure + chalk out lines – this time saver will make everything else move smoothly.
- ✓ Expect variations from the site plan.

Installing protective barriers

PRO Tips

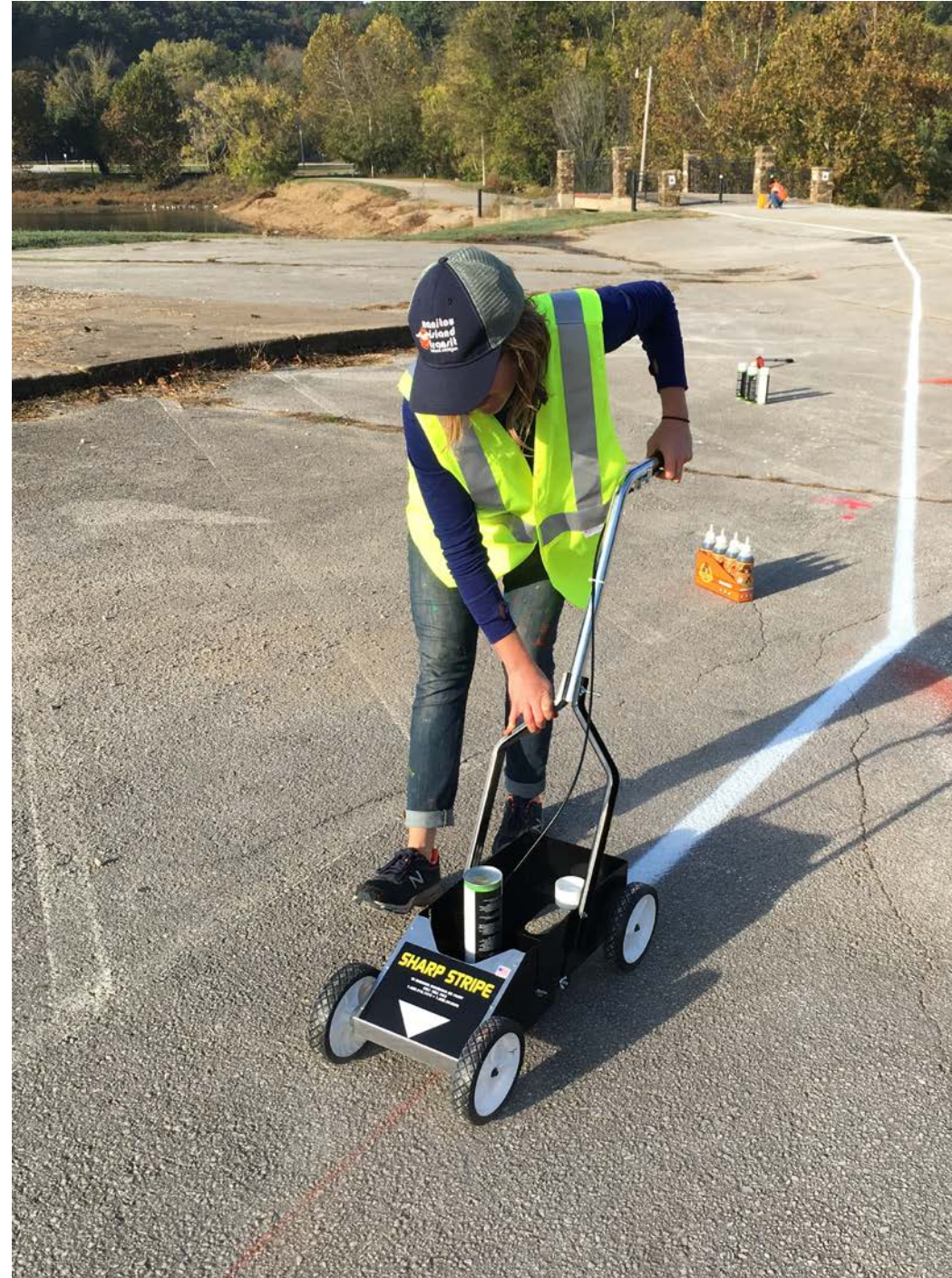
- ✓ Some devices will need to be drilled, others can be glued. Gorilla Glue works wonders!



Lay down tape and striping

PRO Tips

- ✓ Use a striping machine for easy, straight lines.
- ✓ Depending on project duration, you may want to change the type of paint used. Some are more permanent than others.



Pavement Marking Stencils



Bring out Your Politicians



Testing Materials + Types







Signs = wayfinding, educational, MUTCD



There will be
adjustments and
follow-up...



Tim's Car!

They still don't get it...



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Mayor Gimenez to build Complete Streets demonstration project after county-wide civic leaders forum with transportation innovator Gabe Klein

MIAMI (January 19, 2016) — On the heels of the **Safer Streets Forum** with 75 elected officials and key transportation leaders, Miami-Dade Mayor Carlos A. Gimenez announced the County would build a **Complete Streets demonstration project** to highlight the benefits of designing streets for all modes of transportation and all users.

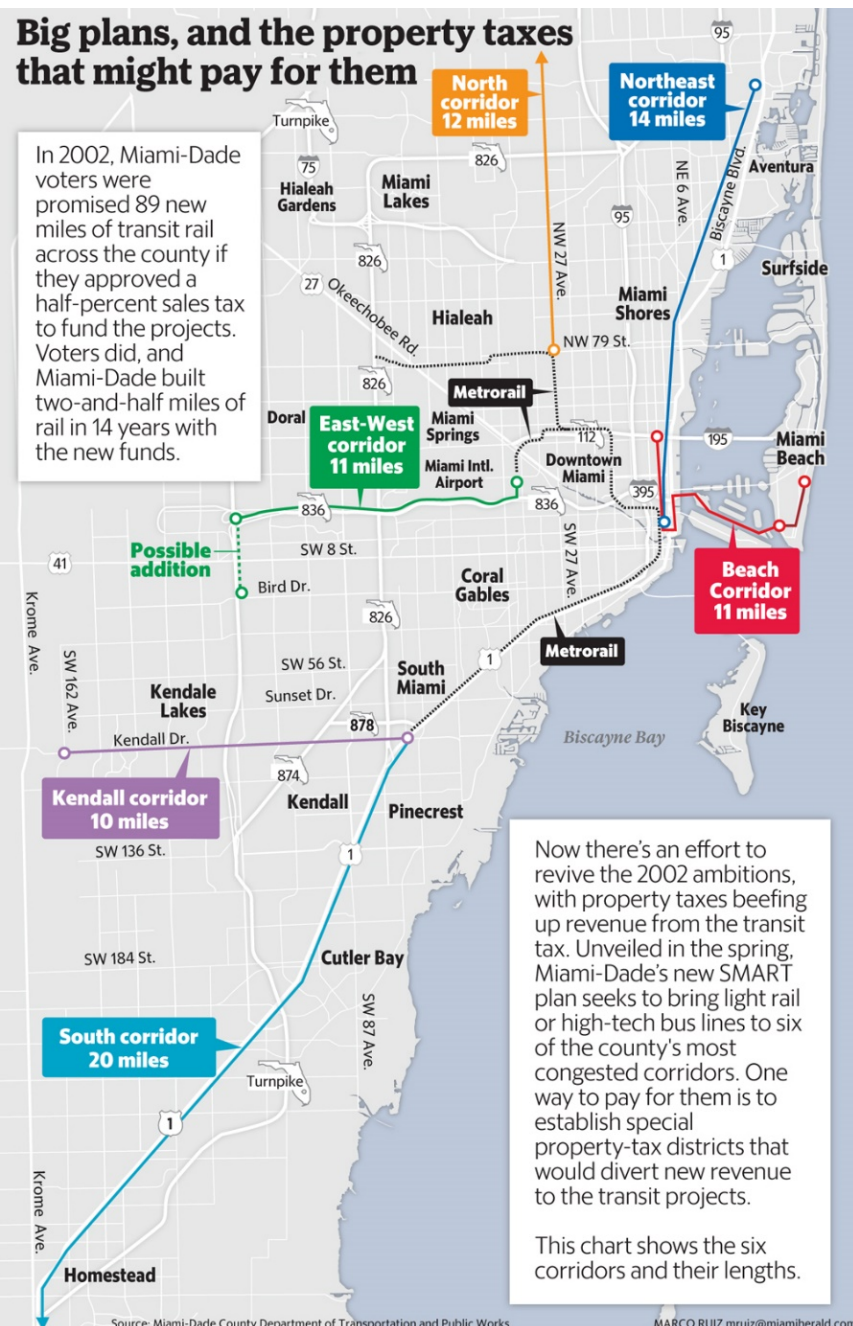
"Forward looking communities are those that plan for everyone, whether you are getting around on two feet, two wheels or more wheels," said Mayor Gimenez. "To enhance walking and biking opportunities in Miami-Dade, I am committed to implementing a Complete Streets demonstration project this year. From this effort, I am confident we will learn how to move more people through our streets and increase mobility for all."

In an effort to tackle the critical problem of bicyclist and pedestrian safety in Miami-Dade, public officials gathered last week at University of Miami Medical School for a presentation and panel discussion led by Gabe Klein, author of Start-Up City and former transportation director for both Chicago and Washington, D.C. Klein's visit was underwritten by the John S. and James L. Knight Foundation and The Miami Foundation and coordinated with the Miami-Dade Local Action Team for Safer People, Safer Streets (LAT).

"Reshaping Greater Miami's streets into multimodal corridors is a major step toward improving local transit," said Javier Alberto Soto, president and CEO of The Miami Foundation. "It's exciting to see Mayor Gimenez and Miami-Dade County use national best practices to create much-needed solutions here in our community."

"In addition to the clear safety benefits, this project signals a recognition by Mayor Gimenez and the county that a more transit friendly Miami, where people can easily walk and bike, can reap greater benefits — from improving civic life and

Here we go again...another silver bullet



Agenda Item 6.B.7
ADD-ON

MPO RESOLUTION #26-16

RESOLUTION ENDORSING THE STRATEGIC MIAMI AREA RAPID TRANSIT (SMART) PLAN AND DIRECTING THE MPO EXECUTIVE DIRECTOR TO WORK WITH THE METROPOLITAN PLANNING ORGANIZATION FISCAL PRIORITIES COMMITTEE TO DETERMINE THE COSTS AND POTENTIAL SOURCES OF FUNDING FOR PROJECT DEVELOPMENT AND ENVIRONMENT STUDY FOR SAID PROJECTS

WHEREAS, in 2002, the electors of Miami-Dade County approved the imposition of a one-half percent surtax with the purpose of improving, among other things, mass transit within the County through the People's Transportation Plan; and

WHEREAS, the People's Transportation Plan included eight rapid transit corridors located throughout Miami-Dade County; and

WHEREAS, on February 16, 2016, the MPO Governing Board unanimously approved a policy to set as highest priority for this community the advancement of Rapid Transit Corridors and transit supportive projects in Miami-Dade County; and


WHEREAS, the Metropolitan Planning Organization Transit Solutions Committee has, over the past several months, received and considered input from transportation partner agencies, elected officials, and the public at large; and

WHEREAS, the Metropolitan Planning Organization Transit Solutions Committee has reviewed the

Miami-Dade Quickbuild Program Trojan Horse Strategy

ransportation/quick-build-program.asp

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Quick-Build Program

The Miami-Dade Transportation Quick-Build Program is a County effort that provides funding and technical assistance to anyone who wants to make short-term, low-cost transportation improvements to their neighborhood. Funding for this program is provided by a grant awarded to the non-profit [Green Mobility Network](#) by the New York City-based non-profit, [Transit Center](#).

Quick-Build projects are based off of the project delivery process called Tactical Urbanism, coined by Miami-based, urban planning/design firm [The Street Plans Collaborative](#).

By using the Tactical Urbanism framework, we hope to inspire city leaders, citizens, institutions, and other entities to take action **now** in their neighborhoods.


» [Learn more information](#)



Tactical Urbanism projects include:


Public Spaces


Biscayne Green in Downtown Miami transformed two parking medians into a dog park, playground, seating area, open lawn, and venue for live entertainment. The city is still evaluating the impact it will have on the surrounding area.







Bike lanes


This month-long project in Bella Vista, Arkansas allowed the city to test out a new route for a protected bicycle facility, informing their efforts to make it permanent in the future.




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Going straight to the people!

I WANT TO:

- ☒ BUILD A BIKE LANE.
- ☒ PAINT A CROSSWALK.
- ☐ _____.

Want to improve your transit ride? So do we.

Green Mobility Network and Miami-Dade Transportation and Public Works want to work with you to fund YOUR big idea for transit improvements.

From better signage to seating, from bike lanes to bus shelters, we're looking for low-cost, easy to build projects that we can build together. Submit your idea by May 1st to apply for funding!

For more info: quickbuild.greenmobilitynetwork.org

MIAMI-DADE TRANSPORTATION QUICK BUILD CHALLENGE
FROM IDEAS TO ACTION



Thanks to: 

\$350k in funding so far...
20 projects



Five Lessons For Getting Things Done NOW!



1. Small steps, short timelines
2. Be frugal + efficient
3. Expect things to go wrong!
4. Don't ask for permission
5. Look at existing plans

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