The Tactical Urbanism Program, #BTactical, is a Broward Complete Streets Initiative effort to quickly implement multimodal safety improvements on the Broward Roadway Network.

The program follows the recommendations of the set of priority action items identified in the Bicycle & Pedestrian Safety Action Plan, Walkability Action Plan* and the Complete Streets Master Plan.

https://www.browardmpo.org/tactical-urbanism
OPEN CALL FOR PROJECTS
Deadline: November 15, 2021

Link: https://arcg.is/05nHza
The criteria to select the project to be implemented in 2022 includes:

- CSMP bundle areas,
- High Injury Network (HIN),
- Plans, studies, etc.
- Roadway jurisdiction,
- Land Use
PARTNERSHIP

The partnership with the Broward MPO is a collaborative approach and the BMPO will provide technical assistance consisting of:

- Project evaluation,
- Stakeholder's coordination,
- Walk and talk workshop,
- Public meetings,
- Concept plan,
- Staging plan,
- Installation check-list,
- Pre-build and build of the intervention*,
- On-site management and operation,
- Metrics and report.
PARTNERING AGENCY

- Partnership City – Broward MPO – Broward County and other stakeholders.
- Apply for permits
- City Police Department Support – Traffic control plan & equipment
- Reviewing, approving signing & striping plan
- Provide in-kind staff time
- Assist with internal staff coordination – Other City departments (Parks & Recreation, Transportation & Planning, Public Outreach, etc.)
## WORK SCHEDULE

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<th>2021</th>
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Thank You!

For more information, please contact:

Stephanie Garcia
garcias@browardmpo.org
Better Streets, Better Places

- Transportation Planning
- Placemaking + Tactical Urbanism
- Architecture + Urban Design
- Public Outreach
- Training + Workshops
- Research + Best Practices Guides

Burlington Public Works
Quick Build Design + Materials Standards
Walk Bike Master Plan
Burlington, VT
March 17, 2017
Visualizing Safe Streets
Awesome! Now what...?
Real Change is Hard!
Lessons in Iterative Design

2009 - 3-day pop-up plaza w/ lawn chairs
2010 - Pilot plaza w/ paint and temporary materials
2012 - Design development begins
2014 - Permanent plaza construction begins
2016 - Project complete!
What is Tactical Urbanism?

Tactical Urbanism is an approach to neighborhood building that uses short-term, low-cost, and scalable interventions and policies to catalyze long-term change.
Tactical Urbanism Is:

1. Inexpensive
2. Not permanent
3. Often Based on Existing Plans
4. People-driven, people-centered
# Breaking Down Project Delivery

<table>
<thead>
<tr>
<th>Phase</th>
<th>Duration</th>
<th>Material Durability</th>
<th>Public Input</th>
<th>Investment</th>
<th>Evaluation</th>
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<tr>
<td><strong>DEMONSTRATION</strong></td>
<td>1 day - 1 month</td>
<td>$</td>
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<td><strong>PILOT</strong></td>
<td>1 month - 1 year</td>
<td>$$</td>
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<td><strong>INTERIM DESIGN</strong></td>
<td>1 year - 5 years</td>
<td>$$$</td>
<td></td>
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<td><strong>PERMANENT</strong></td>
<td>5 years - 50 years</td>
<td>$$$$$</td>
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- **Permission Status**
  - Always sanctioned
  - Always sanctioned
  - Always sanctioned
  - Always sanctioned

- **Flexibility of Design**
  - High: organizers expect project to be adjusted and removed.

- **Public Involvement**
  - Public input, champion
  - Public input, leadership + involvement
  - Public input + leadership + involvement

- **Materials**
  - Low-cost, typically low-durability. Can be borrowed or moved if it does not meet goals.

- **Project Type**
  - Low-moderate cost materials, is intended to remain in place until capital upgrades are possible

- **Demonstration**
  - 1 day - 1 month

- **Pilot**
  - 1 month - 1 year

- **Interim Design**
  - 1 year - 5 years

- **Permanent**
  - 5 years - 50 years

**Terms and diagram format based on PeopleForBike’s “Quick Builds for Better Streets,” which defines the pilot / interim time intervals above as “quick build” projects. To access Quick Builds for Better Streets, visit: bit.ly/QuickBuildsReport (Images: Street Plans).**
Why Tactical Urbanism?

1. Expedites delivery of public benefits at a low cost.
2. Temporary, iterative nature allows for evaluation and making adjustments.
3. Based on existing master plans, action-focused.
4. People-driven, people-centered.
How does it all get done?
**Process Summary**

**January**
- CAC meetings, 3 TAC meetings
- 3 public workshops
- stakeholder engagement
- brand & social
- data collection and analysis

**Feb-March**
- finalize site & event plans
- acquire permit
- finalize budgets
- execute advertising strategy
- develop evaluation and event plans

**April**
- secure storage and staging locations
- order materials
- execute “before” data collection
- finalize detailed implementation timeline
- promote event

**May**
- volunteer prep meeting
- finalize event activities
- meet with vendors on-site, review site plans
- promote event
1. Public Engagement

1. Action-oriented workshops

2. Frequent outreach (door to door, intercept surveys, public life surveys, existing data collection, demonstration project etc).

3. Use all of the above to build awareness and sign up volunteers!

4. The project build is your largest platform for public engagement.
Sketching Ideas with the Public
2. Project + Materials Budget

1. Set budget early; it drives scale / duration = $30k for this round!
2. Breakdown hard vs. soft costs
3. Keep budget as lean as possible

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<th>Category</th>
<th>Category</th>
<th>Description</th>
<th>Item</th>
<th>SQ. FT./ LF.</th>
<th>Total Quantity Required</th>
<th>Unit cost</th>
<th>Est. Total Cost</th>
<th>Link</th>
<th>Delivery Location</th>
<th>Notes/Questions</th>
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<td>3M ASTROIES White Stencils™ Pavement Marking Tape - 4&quot; x 30 yds</td>
<td>50 FT ROLL</td>
<td>500 LF</td>
<td>6</td>
<td>$197</td>
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<td>EACH ROLL IS 30 FT LONG</td>
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<td>SUBTOTAL Materials</td>
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![Image of a person with a cart of materials]
3. Build Plan(s)

1. Site Plan
2. Materials Staging Plan
3. Build Schedule
4. Installation Plan
5. Volunteer Management Plan
5. Project Clean Up Plan
4. Evaluation Plan

1. Measure What Matters
2. Qualitative/Quantitative
3. Measure “Before”/ “After”
4. Allocate Enough Resources
5. Visualize Data Summary
6. Ongoing Measurement
5. Maintenance / Removal Plan

1. Every project is unique.

2. Ensure maintenance resources/needs in place before moving forward with scale/scope of project.

3. Prepare a removal plan if/when necessary.
Oh, And Don’t Forget to have fun!
Project Ideas + Selection
City Commitment

1. Expect to be heavily involved. Projects require considerable staff time (including from public works).

2. Do you have political and public support?

3. Make sure Public Works / city engineer is involved and understands the methodology. This is not a typical process!

4. City will need to provide review, traffic control, marketing, coordination of public meetings, and more!
Consider small scale projects (eg. intersection)

Btactical to provide $30,000 for materials. This should help ‘right size’ project scale and limits.

Where should project ideas originate?

- Demonstration project at outset of a planning process
- Test concepts from existing plan
- Implement projects already outlined in a plan

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<table>
<thead>
<tr>
<th>Project Type</th>
<th>DEMONSTRATION</th>
<th>PILOT</th>
<th>INTERIM DESIGN</th>
<th>LONG-TERM/CAPITAL</th>
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<tbody>
<tr>
<td>(time interval + relative cost)</td>
<td>(1 day - 1 month + $)</td>
<td>(1 month - 1+ year + $)</td>
<td>(1 year - 5+ years + $$$)</td>
<td>(20 years - 50+ years + $$$$)</td>
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<td>Project Leaders</td>
<td>Anyone (city, non-profit, business owner, students etc.)</td>
<td>Government / organizational leadership + involvement required</td>
<td>Government / organizational leadership + involvement required</td>
<td>Government / organizational leadership + involvement required</td>
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<td>Sanctioned or unsanctioned</td>
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<td>Materials + Maintenance</td>
<td>Very low-cost, typically low-durability. May be borrowed, easily made, or purchased; no maintenance required</td>
<td>Relatively low-cost, but semi-durable materials. Design flexibility while minimizing maintenance needs</td>
<td>Low and moderate-cost materials. Designed to balance design flexibility, performance outcomes, and maintenance</td>
<td>High-cost, permanent materials that cannot be adjusted easily; maintenance needs vary tremendously</td>
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<td>Public Involvement</td>
<td>Optional before project implementation; recommended during brief project lifespan</td>
<td>Required before implementation and frequent during evaluation period</td>
<td>Required, frequent before implementation, required during initial evaluation period, optional thereafter</td>
<td>Required before implementation, recommended during implementation and initial evaluation period, optional thereafter</td>
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<tr>
<td>Flexibility of Design</td>
<td>High: organizers expect projects to be adjusted and removed within a short timeline, typically one week or weekend</td>
<td>High: proponents expect project to be adjusted, it may be removed if it does not meet goals upon initial evaluation</td>
<td>Moderate: organizers expect project to be adjusted; it is intended to remain in place until capital upgrades are possible</td>
<td>Low: project is considered a permanent capital upgrade that is unlikely to be adjusted significantly once installed</td>
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<td>Qualitative: optional</td>
<td>Quantitative: optional</td>
<td>Qualitative: required</td>
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This chart illustrates the progression of an iterative approach to project delivery. Though not all projects need to follow this exact model, it can be helpful to see how each project type builds towards the next, using incremental steps to deliver a capital project intended to create long-term change.

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<tr>
<th>Tactical Urbanism</th>
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Criteria to consider

**CONNECTIVITY**
How well does the project enable pedestrian and non-motorized connectivity?

**MATERIALS**
What kind of materials will meet the project duration/durability goals?

**VISIBILITY**
How well does the project create visual recognition from passersby?

**COMPLEXITY OF INSTALL**
How complex are the logistics to installation?

**SAFETY**
How much does the project improve pedestrian safety?

**PUBLIC ENTHUSIASM**
Does the project relate to a master plan, or is there public support?

**RETAIL POTENTIAL**
How well does the project support existing retail, or attract new tenants?

**PARTNERSHIP**
Have possible partners been identified?

**COST**
How much of an investment will the project be in labor, design, installation?

**STEWARDSHIP**
How complex is the maintenance of the project? Is there a steward?
Bike Intersection Improvements
Bike Intersection Improvements
Crosswalks
Sidewalk Extensions
Sidewalk Extensions
Pedestrian Refuge
Bus Stop Enhancements
Putting it all together!
Delineator Posts

Curb Stops

Low-Profile Delineators

Durable Paint

Metal Planters

Plastic Planters
Thanks!
tony@streetplans.org