Neighborhood Traffic Calming & Creative Placemaking

2019 Purdue Road School
March 5, 2019

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Background

Smart Growth America: Safe Streets Academy
Main Project Site – Riverside & Hudson
Placemaking
Public Process

Used various methods to gather feedback on speeding issues:

- Neighborhood Traffic Service Requests
- Traditional neighborhood meetings
- Pop-up meetings
- Online Neighborhood Input Map

Online Neighborhood Input Map
Additional Traffic Calming Sites

NNN Traffic Calming Measures Demonstration Project
- Traffic circle at Riverside Dr. & Madison Ave.
- 2 pairs of chicanes on Linnery St. between Sherman Ave. & Cushing St.
- Traffic circle at Cottage Grove Ave. & Van Buren St.
- Bump out at Riverside Dr. & Chestnut Ave.

Traffic Circle
Chicane
Bump Out
Traffic Calming Installations
Riverside Dr. & Hudson Ave. - Traffic Circle
Traffic Calming Installations
Riverside Dr. & California Ave. – Bump Outs & Pavement Reduction
Traffic Calming Installations
Cottage Grove Ave. & Van Buren St.– Traffic Circle
Traffic Calming Installations
Lindsey Ave.– Chicanes
Percentage of people driving 25 miles per hour or less before and after South Bend’s demonstration project

- Traffic circle: Before 22%, After 31%
- Bump out: Before 47%, After 52%
- Chicane: Before 65%, After 73%
- Mini traffic circle: Before 66%, After 70%

Source: Smart Growth America/National Complete Streets Coalition
Post-Pilot Neighborhood Survey

Thought on traffic calming measures
- Negative
- Neutral
- Positive

Thought on incorporating art
- Negative
- Neutral
- Positive

Willingness to support traffic calming
- No
- Yes
Placemaking: Engaging Local Artist
Challenges and Lessons Learned

• Coordination of City & County departments and outside agencies
• Maintenance and Removal Plans
• Plan rain date implementation
• Ability to modify layout throughout installation based on material selection
• Duration and durability of materials used
  • Straw logs
  • Rubber curbing
  • Traffic cones
  • Traffic paint
Challenges and Lessons Learned

• Traffic Calming Measures
  • Temporary demonstration projects = great way to test new ideas
  • Trust with community goes both ways
Working Toward Permanent Solution

- Shift center circle to SW
- Reconfigure curb bump outs
- Hybrid design
- Permanent installation – Construct in 2019
Additional Traffic Calming

- Speedhump #1 - Between 1083 & 1091 N. Riverside Drive
- Speedhump #2 - 1055 N. Riverside Drive
Thank You!

South Bend, IN Case Study: https://smartgrowthamerica.org/south-bend-in-demonstration-project-neighborhood-traffic-calming/

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