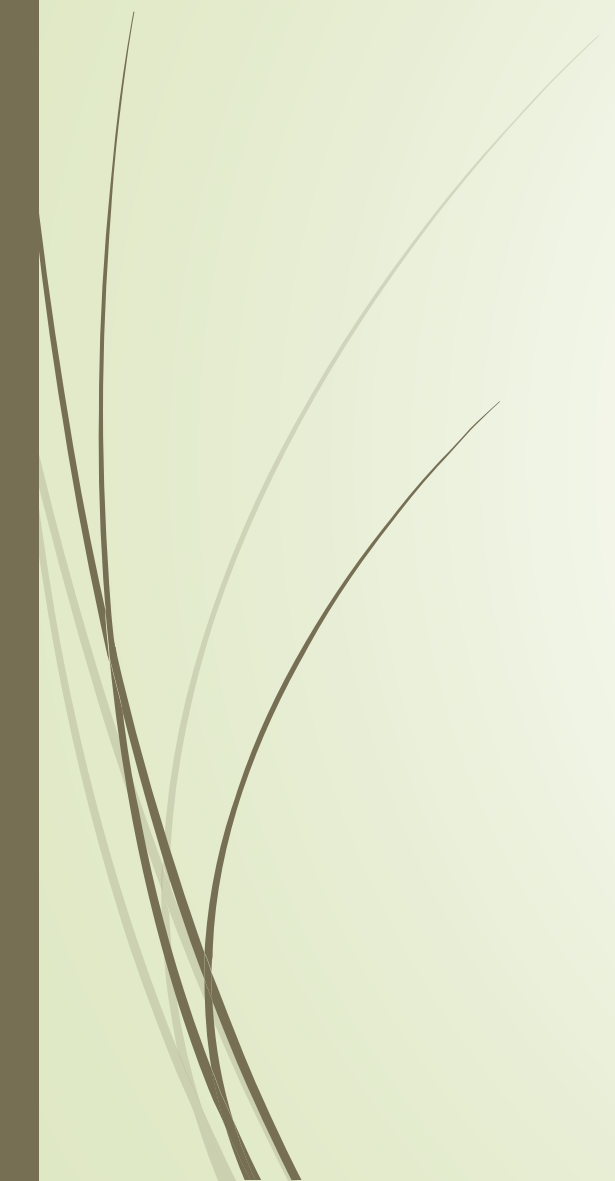
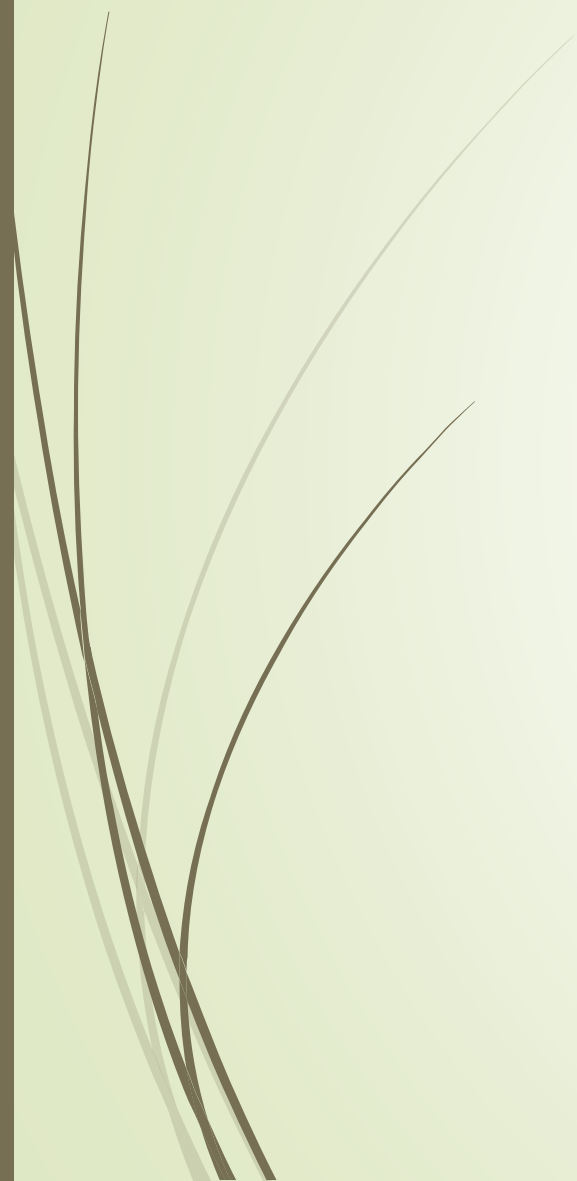


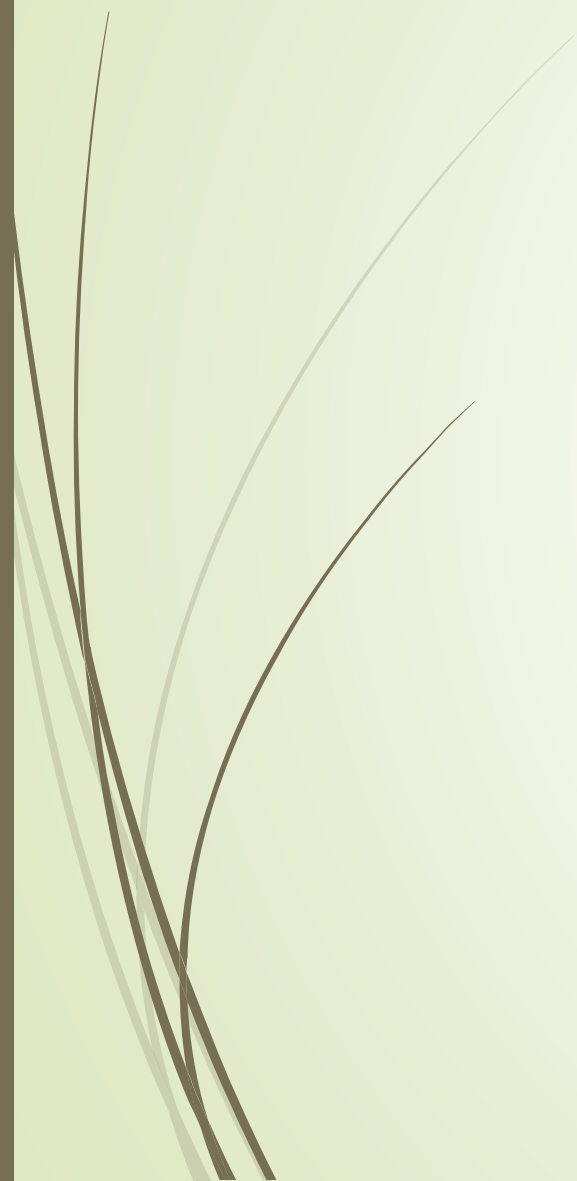


# Water Quality Demonstration and Educational Program for Main Street Little Rock

ANRC 2015 Annual Nonpoint Source Stakeholder and Project Review Meeting







# CREATIVE CORRIDOR INITIATIVES Stakeholder Participation



6



# GREENING AMERICA'S CAPITALS

## LITTLE ROCK, ARKANSAS



## DOWNSPOUT RAIN GARDEN

Runoff from the roofs of Main Street buildings could be directly connected to rain gardens on the street through downspouts. If attractively designed, the downspouts could be public art. These artistic downspouts would create a dramatic visible sign to visitors and residents about the presence of water in the city and how it is managed from roofs to streets.

## GREEN ROOFS

Green roofs are important in retaining and detaining stormwater, reducing the ambient air temperature (or urban heat island effect) in the City, and reducing the heating and cooling needs of a building. Over time, buildings on Main Street could be retrofitted to include green roofs using lightweight, drought-tolerant plants such as sedums and grasses. Green roofs are environmentally beneficial for the reasons listed above, however, even the most minimal green roofs will have some impact. Each structure and roof would need to be evaluated and the expense of retrofitting or engineering for a new green roof weighed against the environmental benefit.

## PERMEABLE PAVERS

Permeable pavers could provide structured surfaces for on-street parking, let stormwater percolate into the ground and into nearby rain gardens, and make the street more attractive.



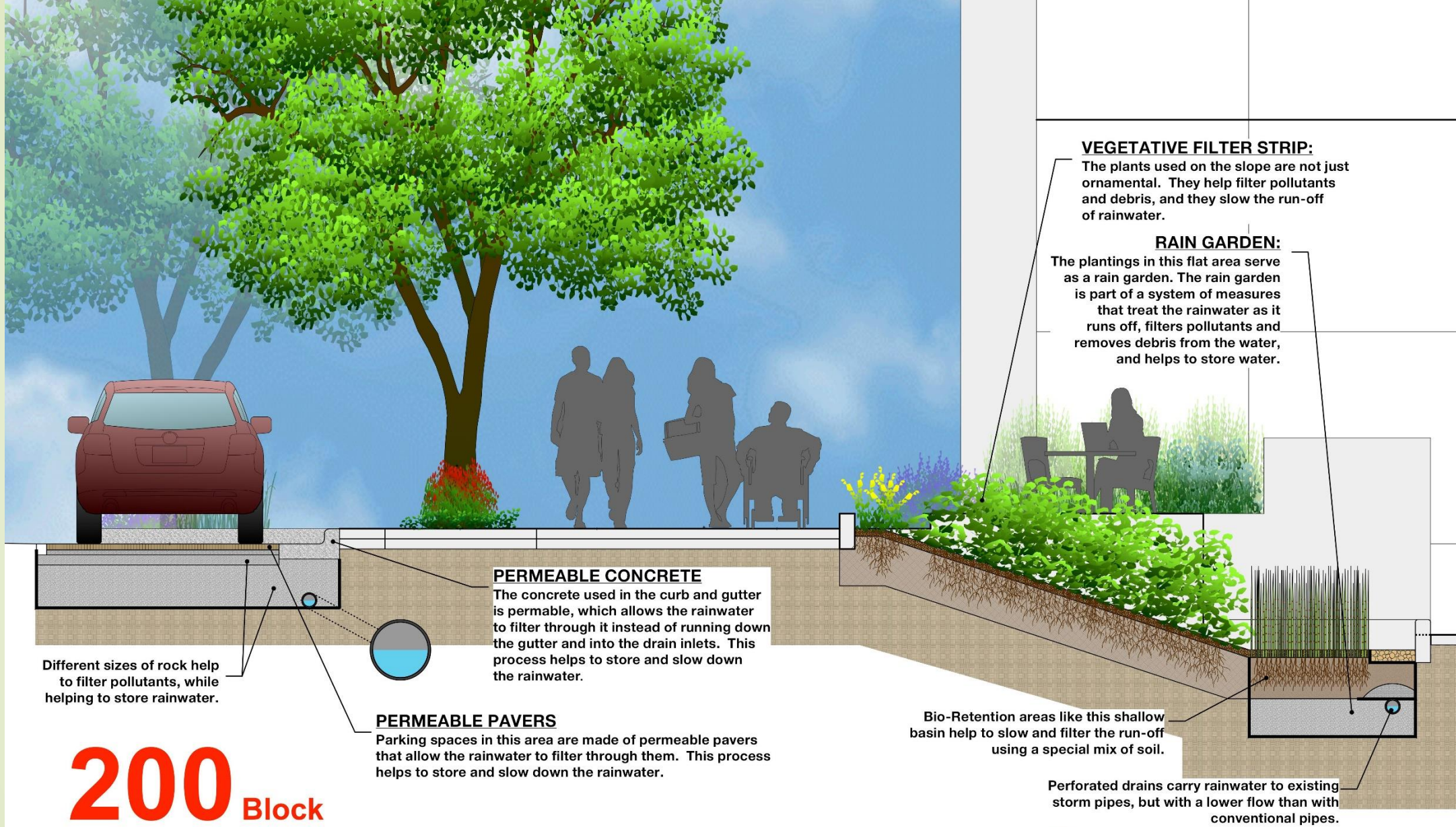
# THE CREATIVE CORRIDOR

A Main Street Revitalization



University of Arkansas Community Design Center + Marlon Blackwell Architect  
for  
The City of Little Rock





**200** Block



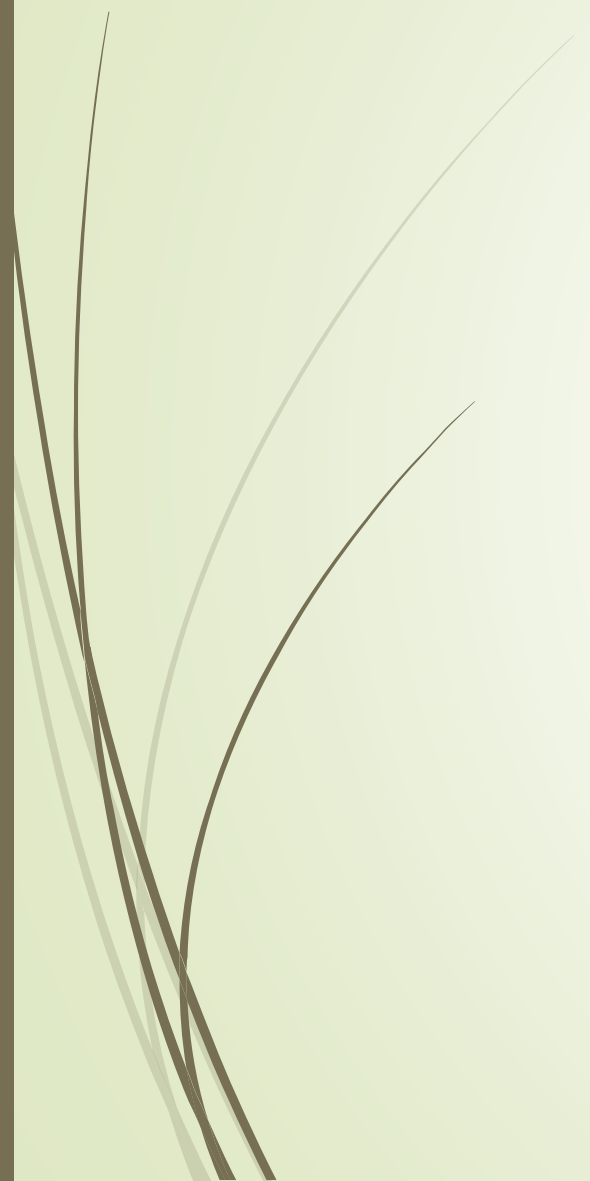
*Little Rock Main Street  
Water Quality  
Demonstration Project*

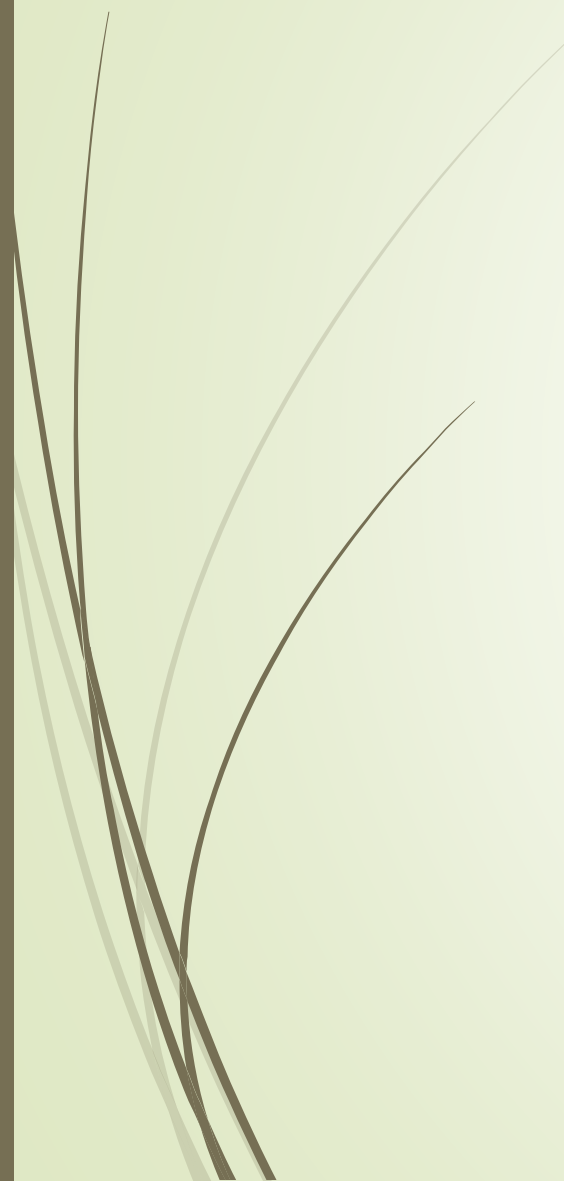


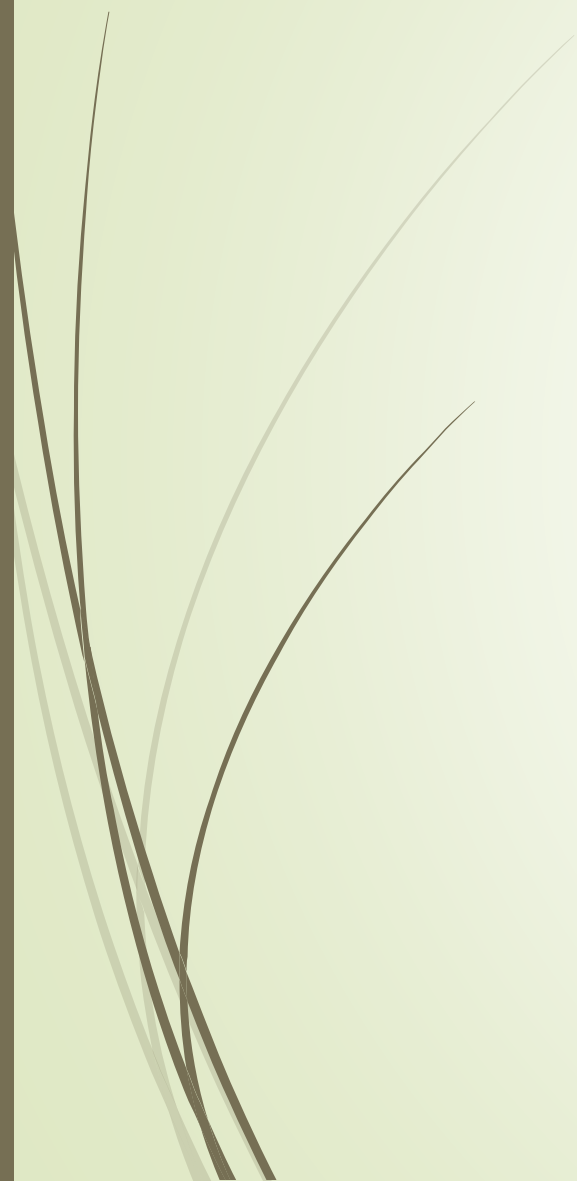














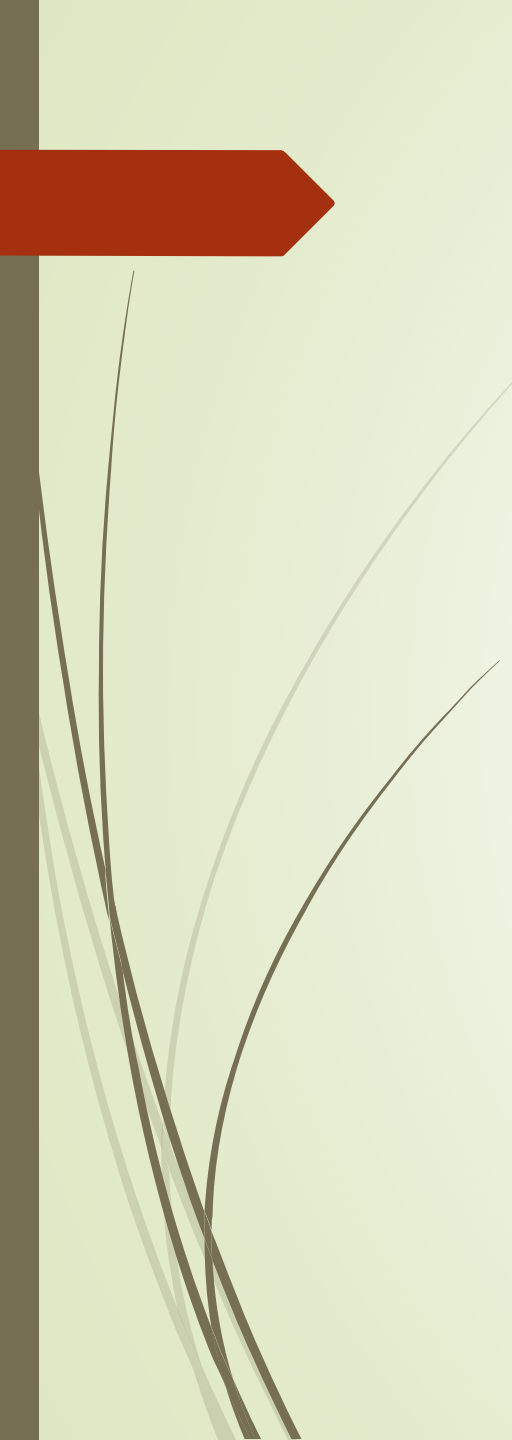




ONE WAY  
←

ONE WAY  
←

E 6th St  
100



# Public Education Component





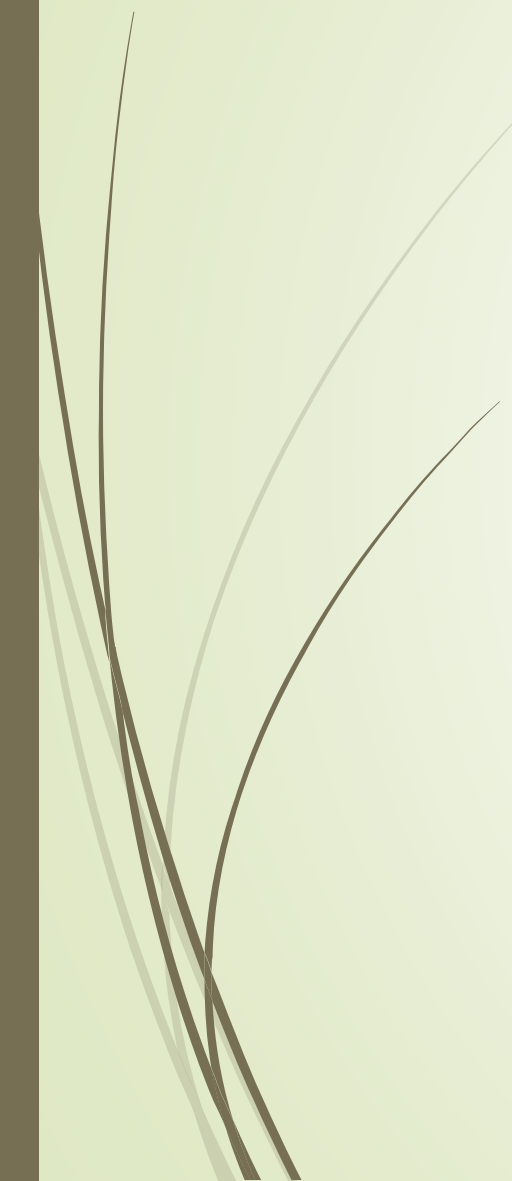


# Challenges

- Weather!!!!!!
- Maintenance Issues
  - Cigarette butts
  - Leaves
  - Loose gravel
  - Permeable curb and gutter not good for parallel parking
  - Steep learning curve for construction (silva cells, for example)



# Advice

- ▶ Public Acceptance
  - ▶ High Profile Project = High Criticism
  - ▶ Educate, Educate, Educate
- 



Questions?

