LEVERAGING EPA RESOURCES TO REVITALIZE BROWNFIELDS

Brownfields Workshop
August 2013
A New Federal Approach

PARTNERSHIP FOR SUSTAINABLE COMMUNITIES

- Goal is to coordinate Federal investments and align policies to support communities
- Meet multiple economic, environmental, and social objectives with each dollar spent

Houston Minute Maid Park
What are Brownfields?
Elements of Brownfields Revitalization

- Determine Reuse Vision and Goals
- Identify Brownfields
- Prioritize Brownfields
- Conduct Environmental Assessments
- Leverage Funding Resources
- Clean up and Revitalize

Local Stakeholders

EPA Assessment Grants

EPA RLF and/or Cleanup Grants
Brownfields Assistance Opportunities Funding

- Assessment Grants
- Revolving Loan Fund Grants
- Cleanup Grants
- Job Training Grants
- Area-wide Planning
- Targeted Brownfields Assessments
PLAZA SALTIMO:
Targeted Brownfields Assessment

Existing single track

Proposed double tracks
Other Resources

• DOT:
  ✓ $5.3M Surface Transportation Program – Metropolitan Mobility Funds
  ✓ $5.0M Livability Funding

• HUD – $3.7M Regional Plan for Sustainable Development
BROWNFIELDS ASSISTANCE

Brownfields Area-wide Planning Pilot Grant
http://www.epa.gov/swerosps/bf/areawide_grants.htm

Brownfields Assessment Grant
http://www.epa.gov/swerosps/bf/assessment_grants.htm

Brownfields Revolving Loan Fund Grant
http://www.epa.gov/swerosps/bf/rlflst.htm

Brownfields Cleanup Grant
http://www.epa.gov/swerosps/bf/cleanup_grants.htm
EPA GRANT OPPORTUNITIES (cont’d)

BROWNFIELDS ASSISTANCE (cont’d)

Environmental Workforce Development and Job Training
http://www.epa.gov/swerosps/bf/job.htm

Brownfields Multi-purpose Pilot Grant
http://www.epa.gov/swerosps/bf/applicat.htm

Targeted Brownfields Assessment
http://www.epa.gov/swerosps/bf/grant_info/tba.htm
SmartGrowth Implementation Assistance Grant

• Charettes Held
  September/October & November, 2010

• Final Report, June 2011

http://epa.gov/smartgrowth/sgia_communities.htm

Other Resources

• New Mexico Environment Dept.
  Brownfields Assistance Available

• Brownfields Inventory of El Paseo Corridor, September 2011

Public Involvement Plan and Toolkit for Las Cruces
Building Blocks for Sustainable Communities

2012

- Port Arthur, Walkability Audit
- Corpus Christi, Walkability Audit
- Baton Rouge, Parking Audit

Other Resources

Port Arthur:
- EJ Showcase Community – Westside Neighborhood
- Targeted Brownfields Assessment
- Port Arthur Community Health Clinic – Special Environment Project ($1,000,000 Penalty from Valero Refinery)

Baton Rouge:
- Greening America’s Capital Selectee 2013
GREENING AMERICA’S CAPITALS
LITTLE ROCK, ARKANSAS
GREENING AMERICA’S CAPITAL: LITTLE ROCK, AR

- Charette, April 2011
- Final Report, June 2011

STREETSIDE RAIN GARDEN

The rain gardens along Main Street would detain and filter stormwater runoff before the water flows into the eventual stormwater outfall into the Arkansas River. Slowing down the water and allowing it to infiltrate into the ground would mean the city would not need to expand drainage pipes along Main Street. The rain gardens would also provide more greenery on the street and could include educational signs about how runoff from buildings and streets affects natural water systems. The rain gardens could be planted with native plants, such as the Eupatorium discoloratum (Joe-Pye Weed), Camassia leichtlinii (Camas Flower) and Juncus effusus (Soft Rush) shown in Figure 43, that are well adapted to urban conditions and fluctuations in water levels. They are also attractive in multiple seasons and easy to maintain.

TROLLEY

Expanding the existing trolley route to Main Street is another way to create a pedestrian-friendly Main Street that also helps the city meet its environmental goals. It gives people choices besides driving, and links walkable destinations with public transit.
Other Resources

- $150K National Endowment for the Arts “Our Town” Grant, July 2011
- Clean Water Act Sec. 319(h) Grant - $900K
- Pulaski County Brownfields Revolving Loan $900K for 500 Main Street Block (Arts District – Little Rock)
SMARTGROWTH ASSISTANCE

Smart Growth Implementation Assistance (SGIA) Grants
http://www.epa.gov/smartgrowth/sgia.htm

Building Blocks Technical Assistance Grants
http://www.epa.gov/smartgrowth/buildingblocks.htm

Greening America’s Capitals
http://www.epa.gov/smartgrowth/greencapitals.htm

Governor’s Institute for Community Design
http://www.epa.gov/smartgrowth/grants/index.htm
Green Infrastructure Practices

- Impervious cover removal
- Bioretention
- Permeable pavements
- Green roofs
- Cisterns & rain barrels
- Trees & expanded tree boxes
- Reforestation & restoration
- Redevelopment
- Infill development
- Alternative parking & street designs
- Water Conservation
State Revolving Loan Fund
http://water.epa.gov/grants_funding/

Drinking Water State Revolving Loan Fund
http://water.epa.gov/grants_funding/dwsrf/index.cfm

Watershed Funding Programs
http://water.epa.gov/grants_funding/shedfund/watershedfunding.cfm

Green Infrastructure Community Partnerships
http://water.epa.gov/infrastructure/greeninfrastructure/gi_support.cfm#CommunityPartnerships
Solar Potential - Decision Tree
http://www.epa.gov/renewableenergyland/docs/solar_decision_tree.pdf

Wind Decision Tree
http://www.epa.gov/renewableenergyland/docs/wind_decision_tree.pdf

Renewable Energy Interactive Mapping Tool
http://www.epa.gov/renewableenergyland/mapping_tool.htm
CARE (Community Action for a Renewed Environment) Grant
Gallup, New Mexico

Planting the Seeds of Change

- Community Involvement and Outreach
- Educational Programs and Projects
- Community Gardening and Farmers Market
- New Recycling Center
- Renewable Energy
Community Action for a Renewed Environment (CARE)
http://www.epa.gov/care/

Environmental Justice Grants
http://www.epa.gov/Compliance/environmentaljustice/grants/index.html

Energy Conservation and Renewable and Clean Energy
http://www.epa.gov/otaq/rfp.htm
FOR MORE INFORMATION

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