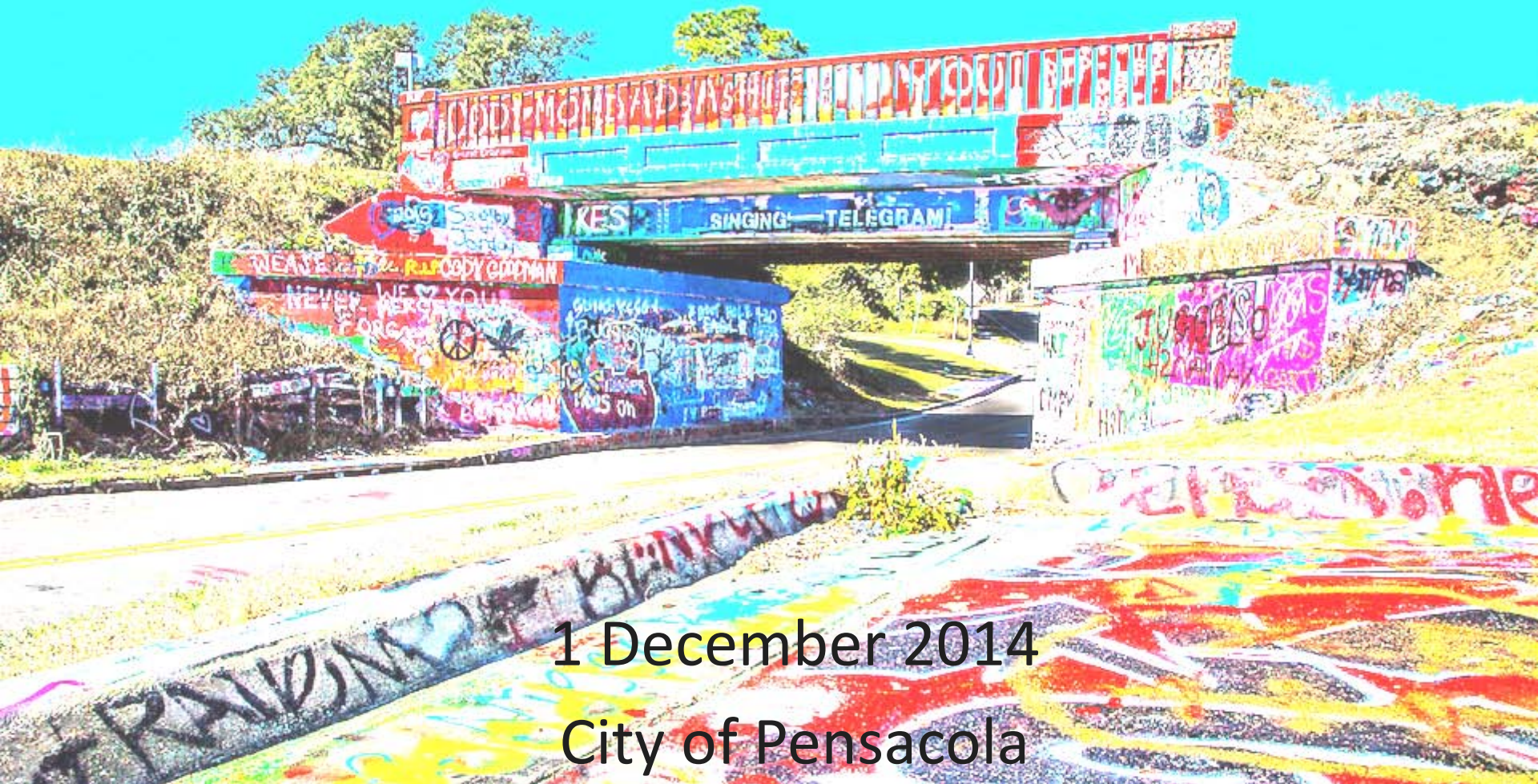


Draft Needs Assessment Review



1 December 2014

City of Pensacola

City of Pensacola: Categorical Needs

- Flood Prevention/Stormwater Management Infrastructure
- General municipal infrastructure
- Port infrastructure
- Community resilience enhancements
- Recreational infrastructure

NEED: Flood Prevention/Protection Infrastructure Improvements

- City stormwater management is based on 25-yr event criteria; future projects should be based on a 100-yr event
- Rainfall amounts less than a 25-yr event trigger flooding in some areas of the City
- Need to add system capacity in order to prevent future flooding; water quality projects do not necessarily provide additional capacity
- Four recent engineering studies provide detailed explanation of the problem and its scope

NEED: Natural Gas Pipeline Improvements

- Cast iron pipe is an obsolete pipeline material but it makes up 5% of Pensacola Energy's pipeline
- Cast iron is more vulnerable to earth movement triggered by natural or man-made disasters than modern materials; more susceptible to water intrusion
- Replacement cost estimate is \$18 million
- Accelerated replacement rate reduces risk as well as operational costs

NEED: Sidewalk and Street Light Infrastructure Improvements

- Municipal sidewalk system is incomplete and not fully ADA compliant
- City lacks resources to fund its complete streets project
- Inadequate lighting contributes to public safety issues
- Anticipated future industry standards will require greater lighting density

NEED: Expanded/Improved Port Infrastructure

- Increase in Gulf of Mexico oil production and eastward expansion creates a need for expanded port capacity
- Port's current NPDES permit allows non-structure stormwater run-off to drain directly into Pensacola Bay
- Eastward expansion of oil production affects ability of disaster response agencies to react to offshore emergencies absent new staging locations

NEED: Emergency Shelter for Homeless Families

- Natural/man-made disasters exacerbate need for shelter
- Community has an immediate need for 30 additional family units
- On average 500 families are turned away annually due to lack of space

NEED: Scattered Site Affordable Housing Development

- Numerous vacant properties throughout the City remain undeveloped
- Scattered locations present significant challenges that preclude private development of affordable housing

NEED: Rental Property Weatherization

- Community's older rental properties are sub-optimally weatherized
- Places unnecessary strains on energy grid
- Results in higher utility bills for low and moderate income renters
- Investment property is ineligible for current weatherization programs

NEED: Improve/Update Coastal Parks, Boat Launches & Recreational Facilities

- Facilities are outdated, do not adequately meet the community's needs and there are potential safety problems
- Many of the facilities are not ADA compliant
- Age of facilities exacerbates maintenance costs

Suggested Evaluation Criteria

- Flood prevention – by how much will a given project reduce the predicted flooding within its sub-basin
- Natural Gas Pipeline – how much will a given project expand the capacity of the system and/or extend the life-cycle of the current system
- Sidewalks – how much does a given project contribute to the completion of the City's complete streets program

Suggested Evaluation Criteria (cont)

- Streetlights – how much will a given project increase lighting density for a designated redevelopment area
- Port – what is the expected ROI for any given port expansion project
- Housing – how much capacity will a given project add for homeless families; how many homes will a project finance for development/renovation
- Recreation – how many users will benefit from any given project

QUESTIONS