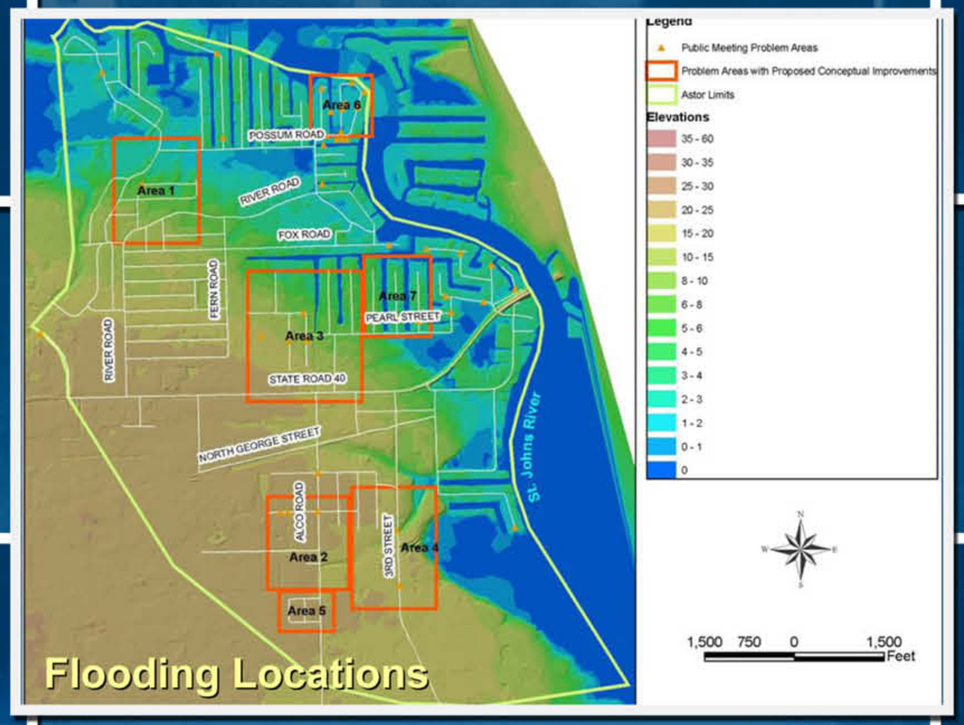
ASTOR FLOOD STUDY

Conceptual Improvements

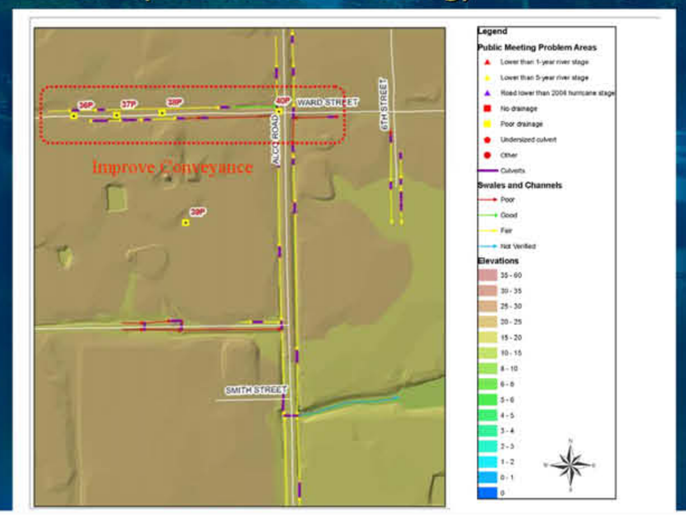
Alternatives to Alleviate Flooding

- Clean, repair, reconstruct or upsize culverts
- Clean, repair or widen channels and swales
- Improve and/or provide drainage system
- Construct storage facilities (i.e., ponds)
- Routine maintenance of culverts and channels
- Develop and implement a flood early warning system

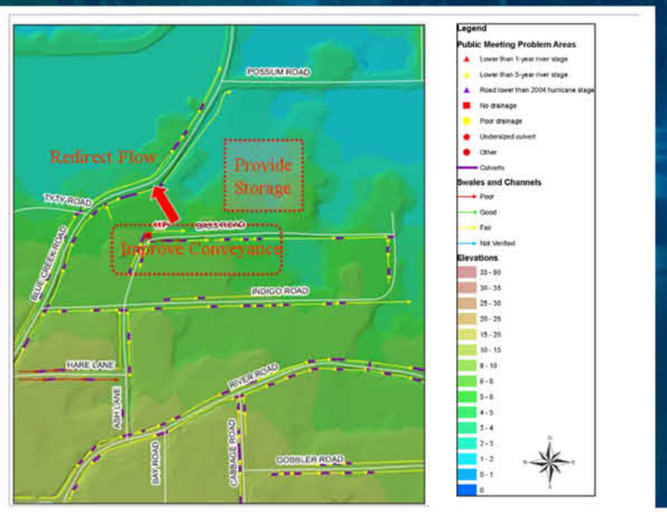


Flooding Locations

Area 2 (Localized Flooding)

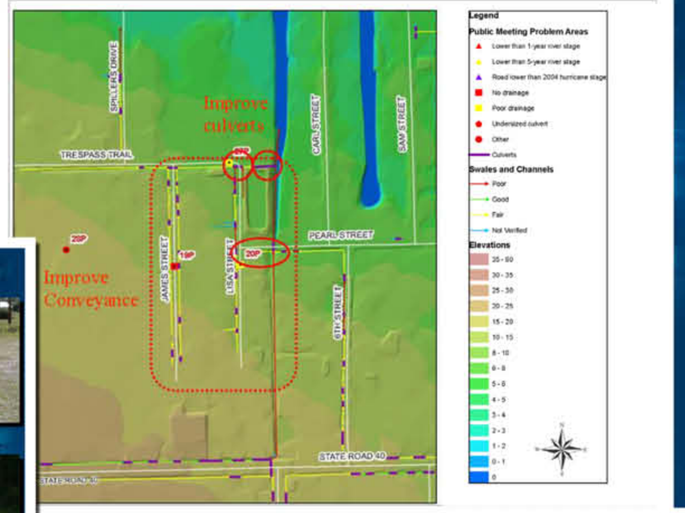


Area 1 (Localized Flooding)



Area 3 – Problems Nos. 20P & 27P

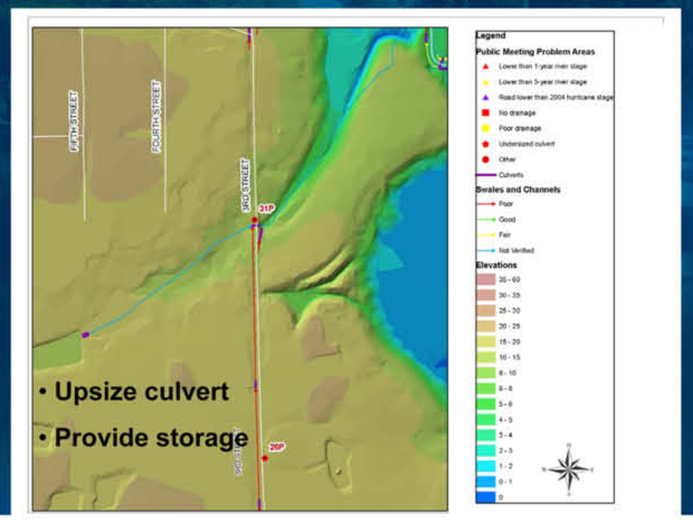
Area 3 (localized Flooding)



ASTOR FLOOD STUDY

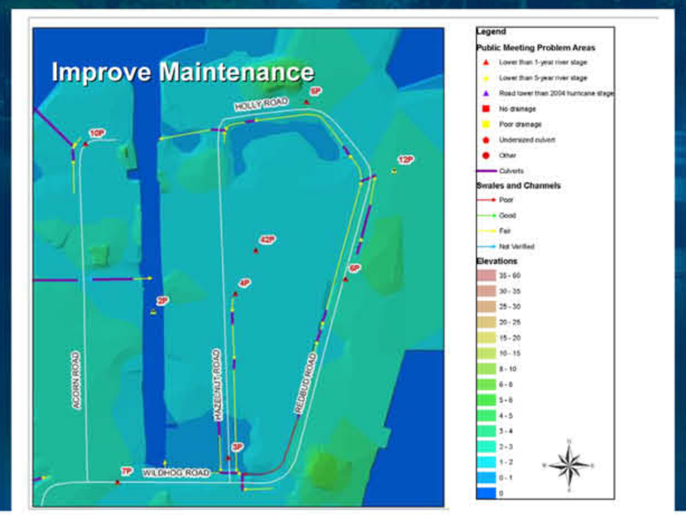
Conceptual Improvements

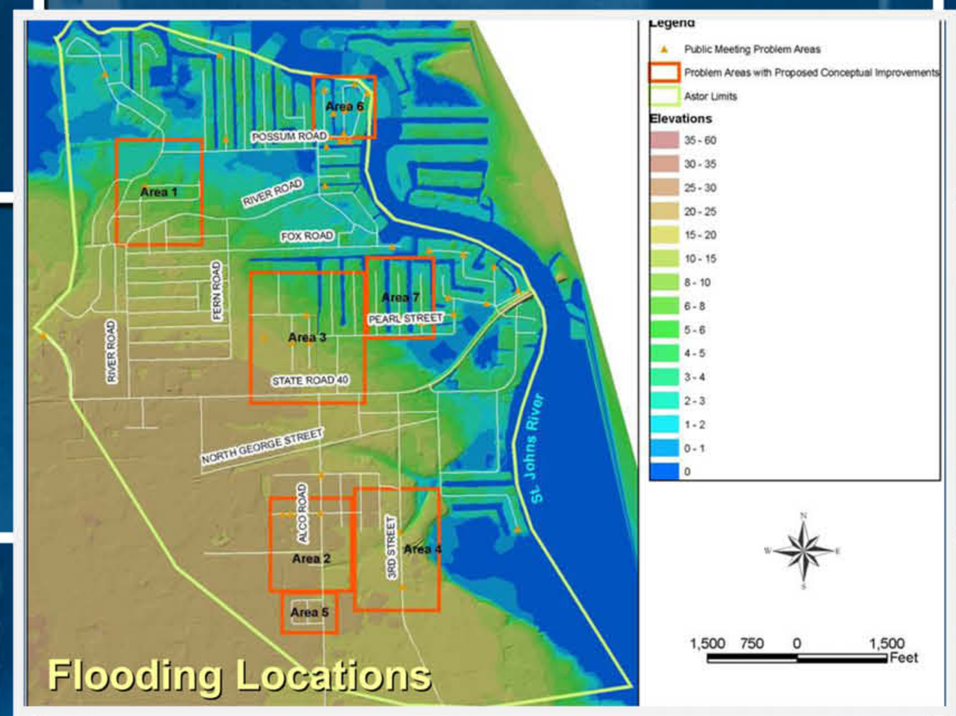
Area 4 (Localized Flooding)



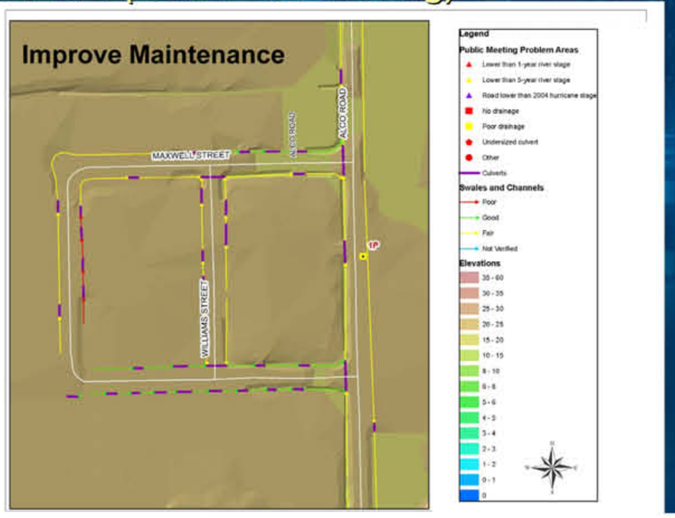
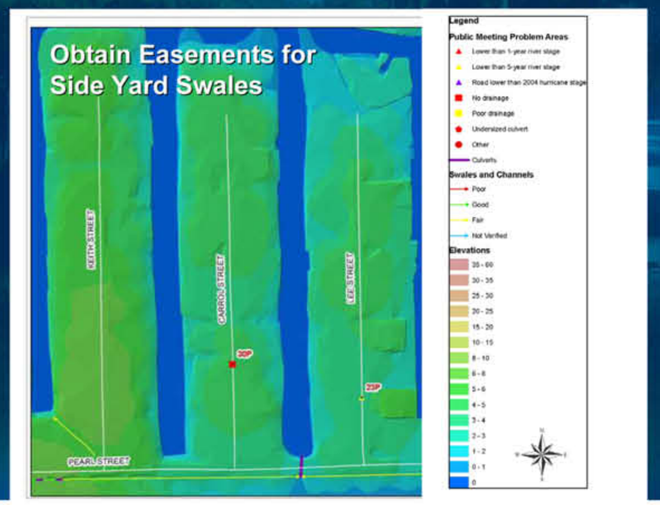
- Upsize culvert
- Provide storage

Area 6 (Flood Hazard Area)





Area 5 (Localized Flooding)



Area 7 (Flood Hazard Area)