



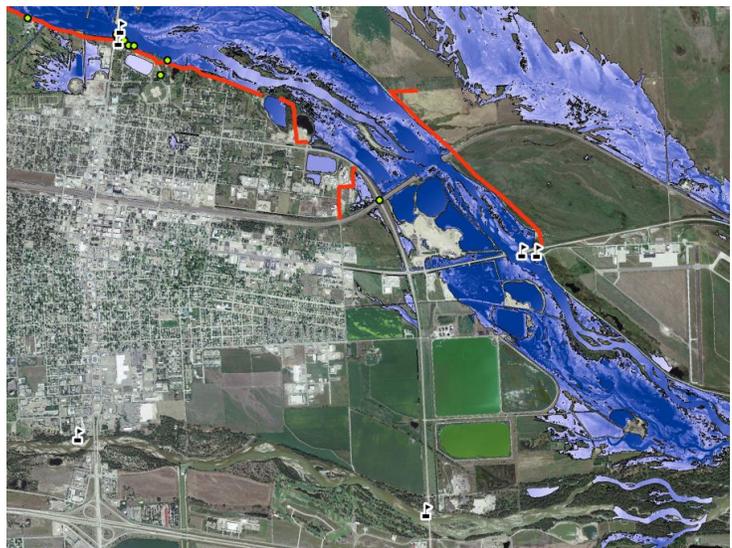
## North Platte River Studies

- Confluence to Lake McConaughy, Including the City of North Platte (FY12 project)
- Lake McConaughy to State Line, Including the City of Scottsbluff (FY15 project)

**Partners: USACE, NDNR, NWS, USGS, PRRIP, City of Scottsbluff, City of North Platte, Lincoln County, TPNRD, etc.**

### **SCOPE:**

These projects will update Hydraulics and Hydrology for the entire North Platte River in Nebraska. The Scottsbluff project will also install and operate a USGS gage at the city of Scottsbluff which will provide real time data for the FIMI mapping tool hosted by USGS. The North Platte Project will result in AHPS mapping at North Platte. These communication tools allows communities to view flood levels based on a variety of different stream conditions aid in flood risk analysis, damage assessment, preparedness, and timely response.



### **LOCATION AND DESCRIPTION:**

*Location:* North Platte River through Nebraska

*Description:* An effort to provide updated flood risk data along the North Platte River, including the Cities of Scottsbluff and North Platte. The effort will identify existing at risk properties for nonstructural mitigation focus in the city's hazard mitigation plan.

### **ISSUES AND OTHER INFORMATION:**

Scottsbluff Project: Total project scope is \$272,030. \$92,730 will be provided by USACE while the remainder will be provided by partner in-kind service/contributions.

North Platte Project: Total project scope is \$292,700. \$145,200 is provided by USACE while the remainder will be provided by partner in-kind service/contributions.

Project has aided in the development of risk reduction features being constructed following the 2011 flooding in North Platte.

### **PROBLEM AND NEED:**

Current floodplain maps in these areas rely solely on National Flood Insurance Program products from the 1970's that were developed without LiDAR data or the use of reservoir regulation modeling. These maps do not accurately identify those areas considered at-risk for flooding. Without accurate flood risk data, informed decisions cannot be made with regards to development mitigation or emergency response.