presented by: Charles F. “Rick” Woidt, Jr., PE, CFM
Woidt Engineering & Consulting, P.C.
Project Vicinity/Location Maps
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September 2011 Flood
Union–Endicott High School Flood Protection Project

- Design/Permitting 2007 and 2008
- Constructed in Summer and Fall of 2009
Union–Endicott High School Flood Protection Project

- Construction completed end of 2009
- Engineering & Construction Cost = $4,400,000
Union–Endicott High School

- Concrete T–Wall Design
- 500–year protection for Critical Facility
- Interior Stormwater Pumping Provisions
- Redundant Closure Structures (2)
- O&M Procedures in place
Union–Endicott High School
September 2011 Flood
Union–Endicott High School
September 2011 Flood
Union–Endicott High School
September 2011 Flood
Lourdes Hospital – June 2006

- $23,000,000 ± of Damage
Lourdes Hospital Floodwall

- Design, Permitting 2008 & 2009
- Construction Completed 2010
- Construction + Engineering Cost = $10,000,000±
Lourdes Hospital Floodwall

- Concrete T-Wall Design
- 500-year protection for Critical Facility
- Interior Stormwater Pumping Provisions
- Sanitary Pumping Provisions
- 10 Closure Structures (passive gates)
- O&M Procedures in place
- Flood Mitigation zero rise impacts
Lourdes Hospital

- Floodplain Mitigation Area
- Zero Rise of Base Flood Elevation
Why projects were successful

- Designed to US Army Corps and FEMA Standards
- Utilized Updated DFIRM Flood Elevations
- Interior Stormwater Pumping Systems
- Redundant Closure Structures
- Access to Site Available During Flood Event
- O&M Procedures in place
- Mitigation of Floodplain Impacts
For further information or questions, please contact:

- Rick Woidt  RWoidt@WoidtEngineering.com
- Dan Griffiths  Dan@GriffithsEngineering.com