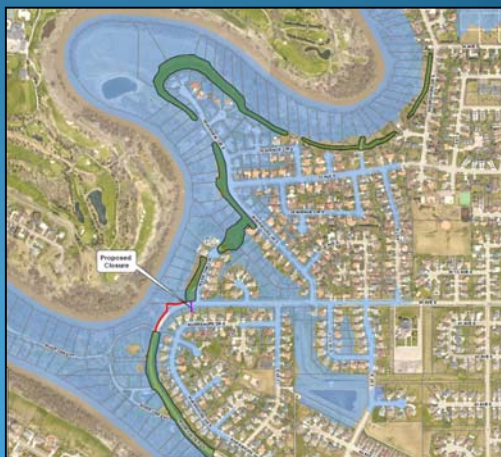


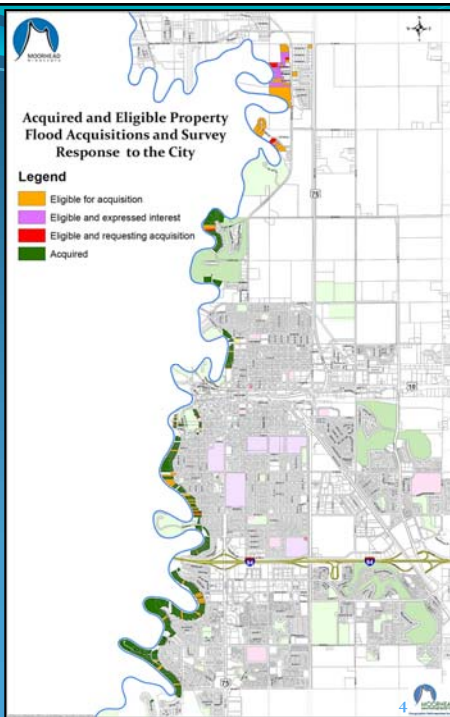
Gaps in Line of Protection

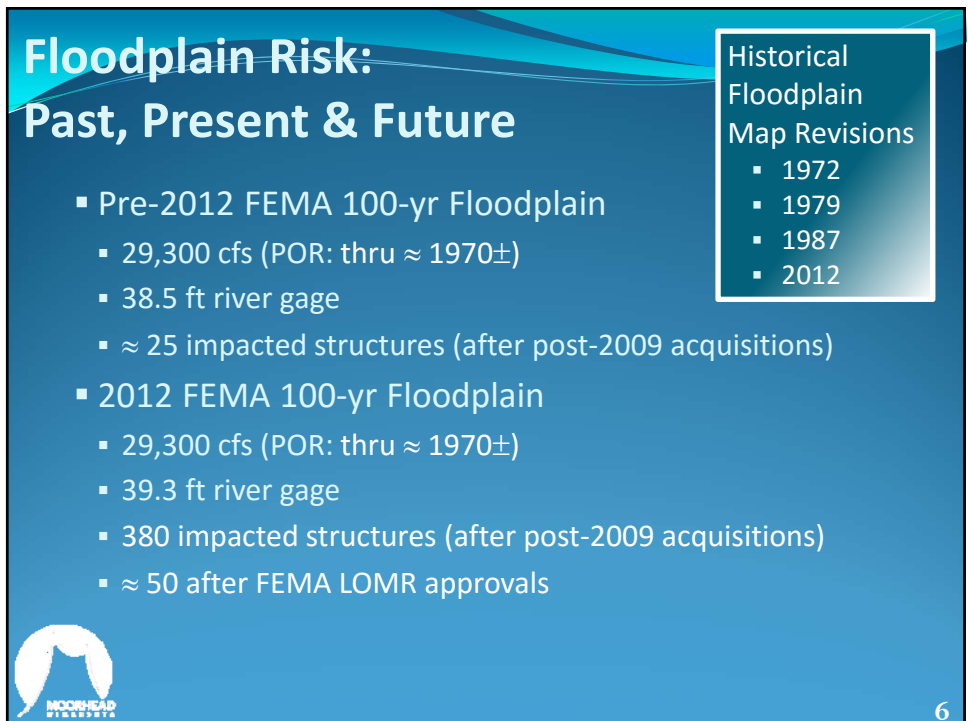
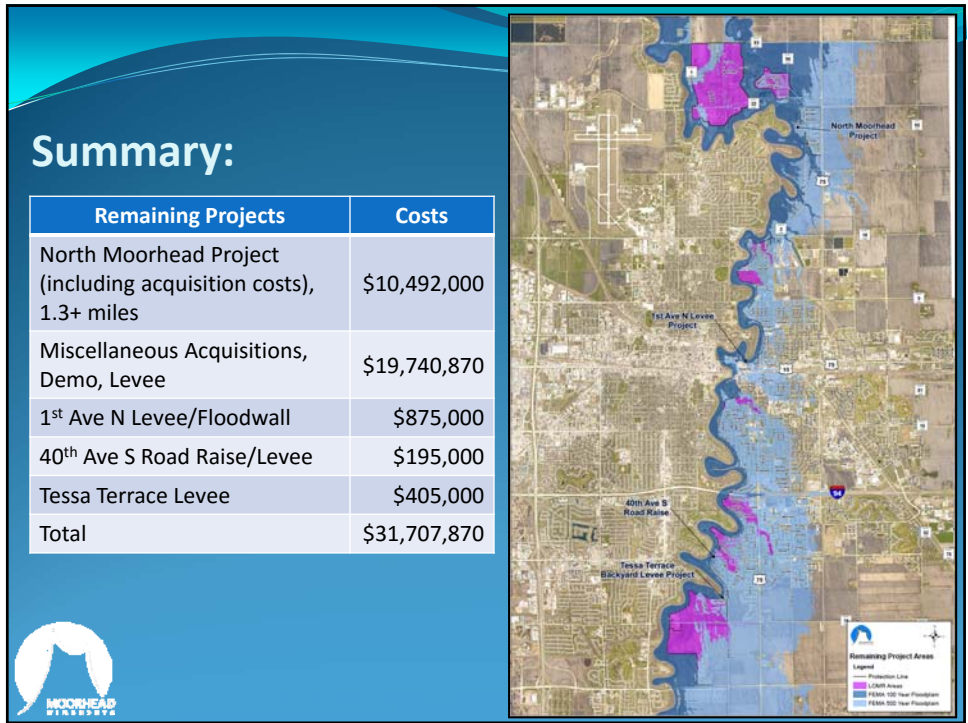
- Top of levee goal: 44 ft river gage
- Voluntary acquisition only
 - ≈ 53 properties declined
 - Varying elevations
 - All below 44 feet



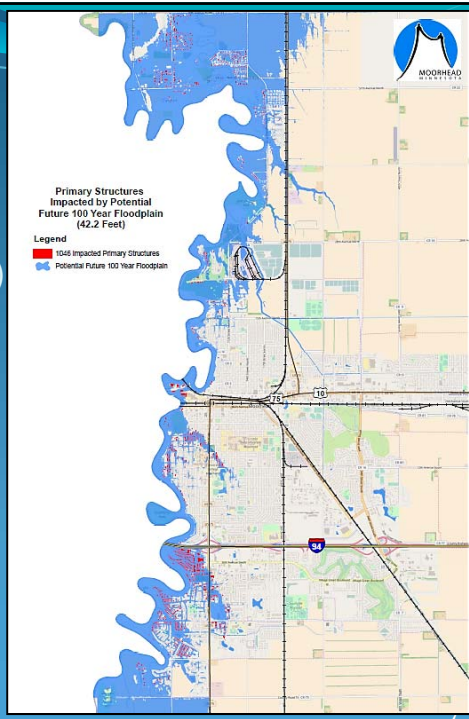
Properties Eligible for Acquisition:

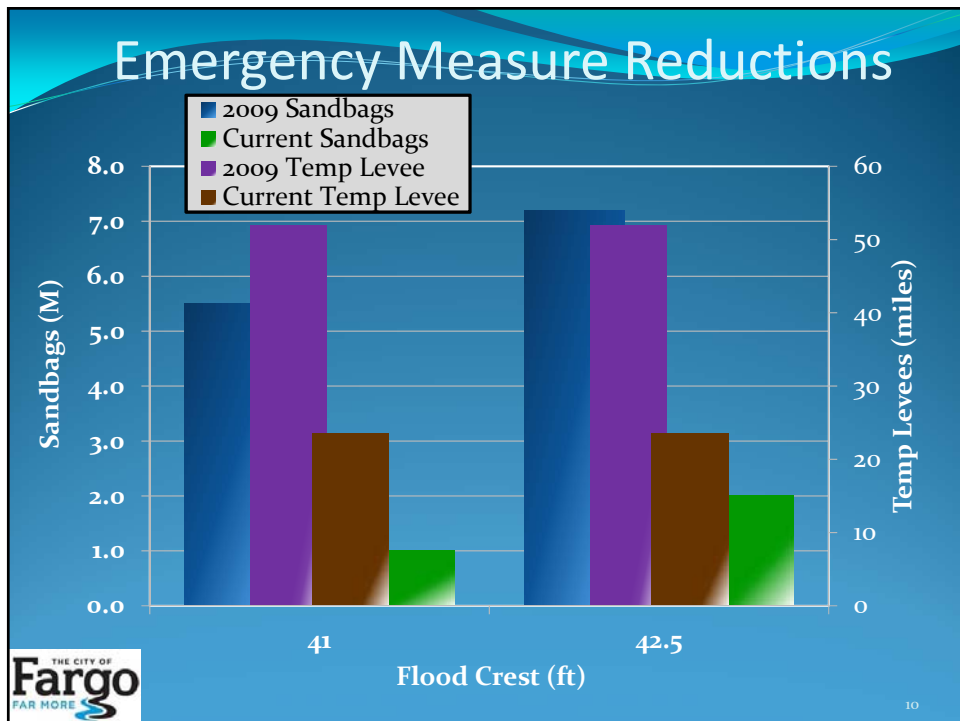
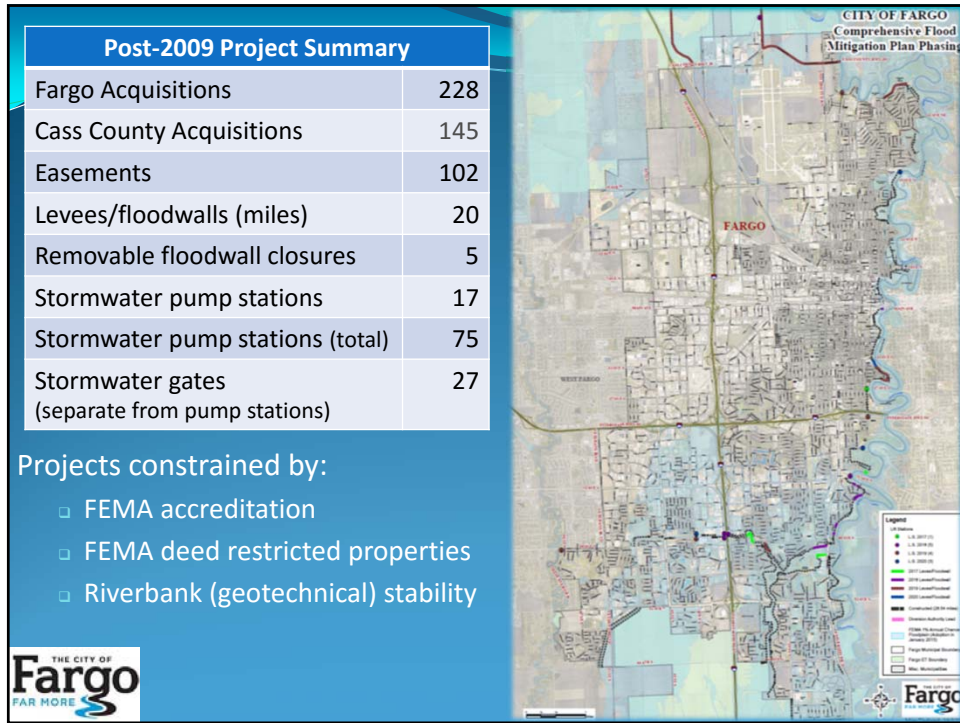
Category	#	\$
Within proposed levee alignment	35	\$11,331,960
Outside proposed levee alignment	26	\$5,877,960
N Moorhead Project	27	\$6,971,880
Total	88	\$24,001,800





- Future FEMA 100-yr Floodplain
 - 34,700 cfs (POR: thru 2010)
 - 41.1 ft river gage (unencroached)
 - 42.2 ft river gage (encroached)
 - Existing levees lose FEMA accreditation
 - ≈ 1046 impacted structures
 - \$3M-\$4M in flood insurance premiums annually



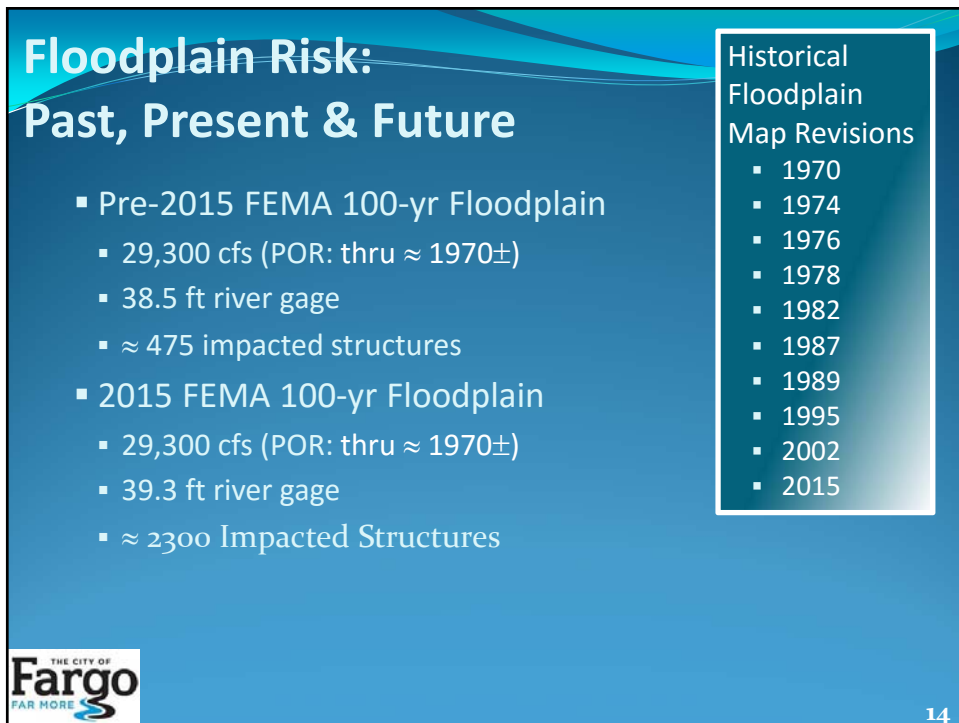
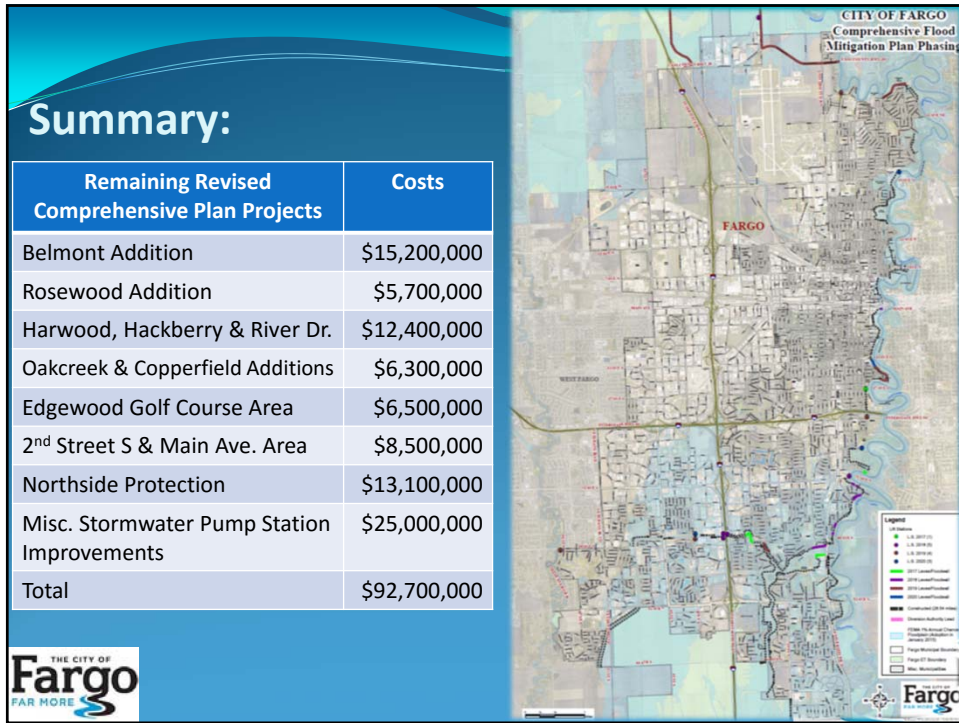


Gaps in Line of Protection

- Future Flood Fights
 - 22 miles of emergency levees
- Planned Remaining In-Town Levee Projects
 - 7 miles

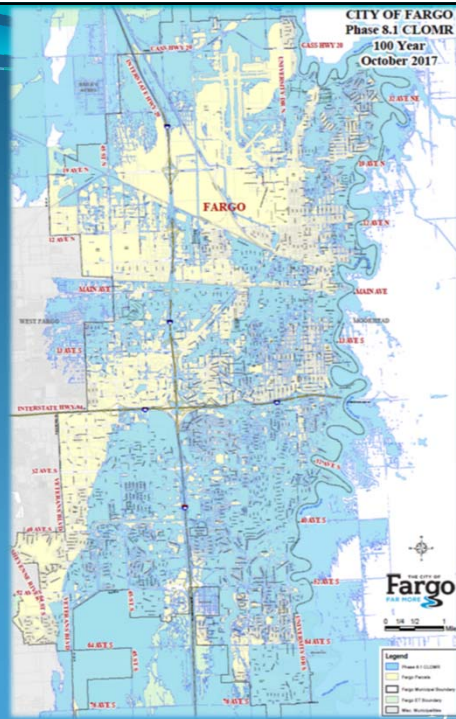
COMPREHENSIVE PLAN

- Developed for current FEMA 100 year floodplain (RS 39.3')
- Not being fully executed
- Projects prioritized based on emergency measure needs
- Outstanding Issues
 - If Comprehensive Plan was completed would still need:
 - Approximately 10 miles of emergency levees
 - Flood insurance would still become mandatory for 11,000 properties



Future FEMA 100-yr Floodplain

- 34,700 cfs (POR: thru 2010)
- 41.1 ft river gage (unencroached)
- 42.2 ft river gage (encroached)
- Existing LOMRs lose FEMA accreditation
- ≈ 11,000 existing structures impacted
- \$30M-\$50M in flood insurance premiums annually



HARWOOD, HACKBERRY & RIVER DRIVE AREA

Project Features – Earth Levee & Storm Sewer Lift Station

- 59 Property Acquisitions
- Will eliminate need of 1.3 million sandbags once completed

