

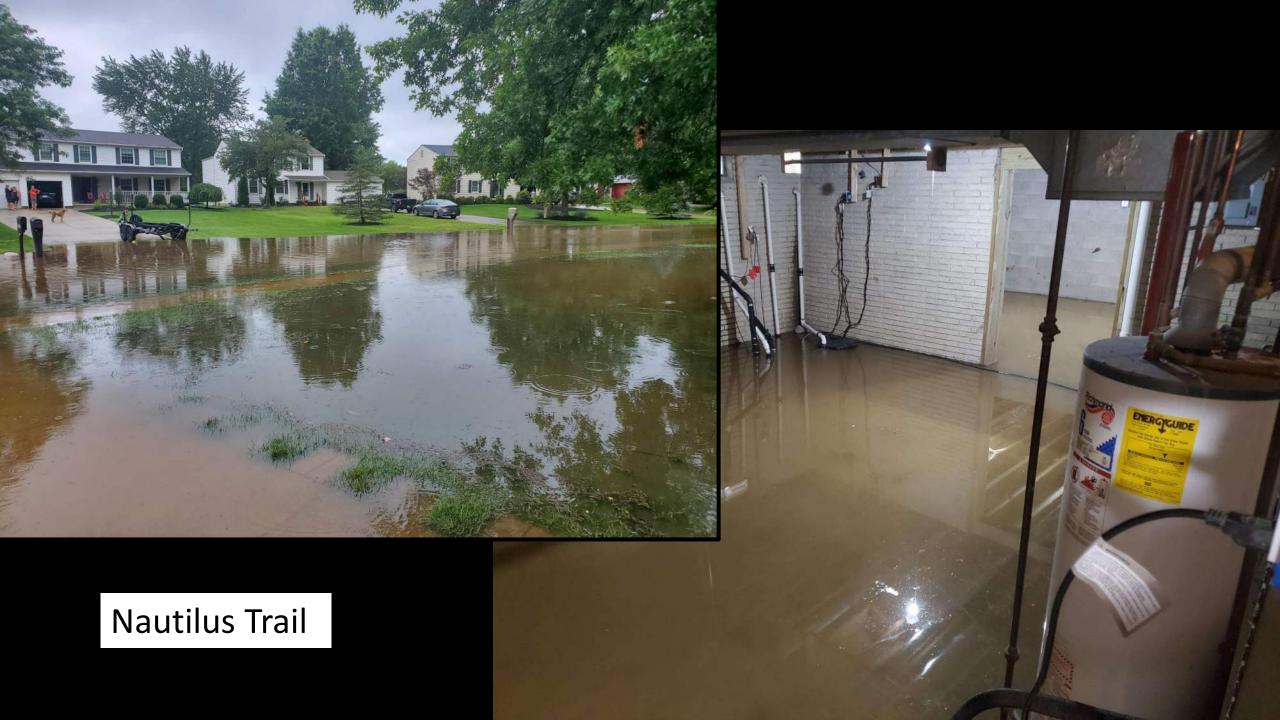
Flood Study

City of Reminderville

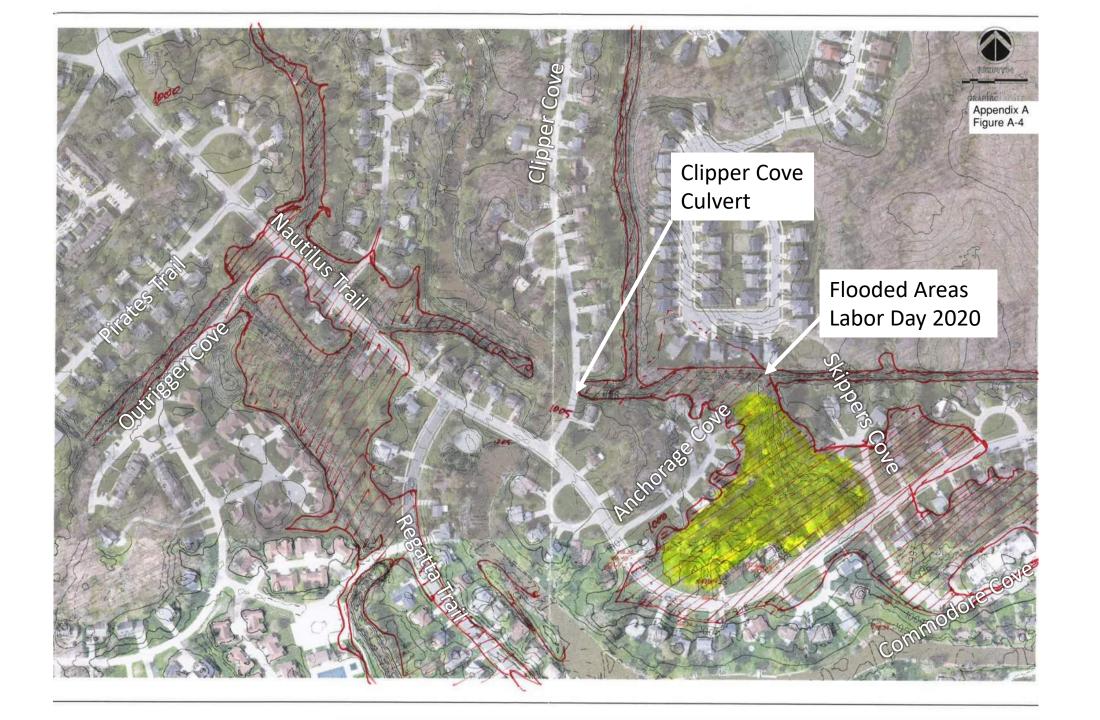


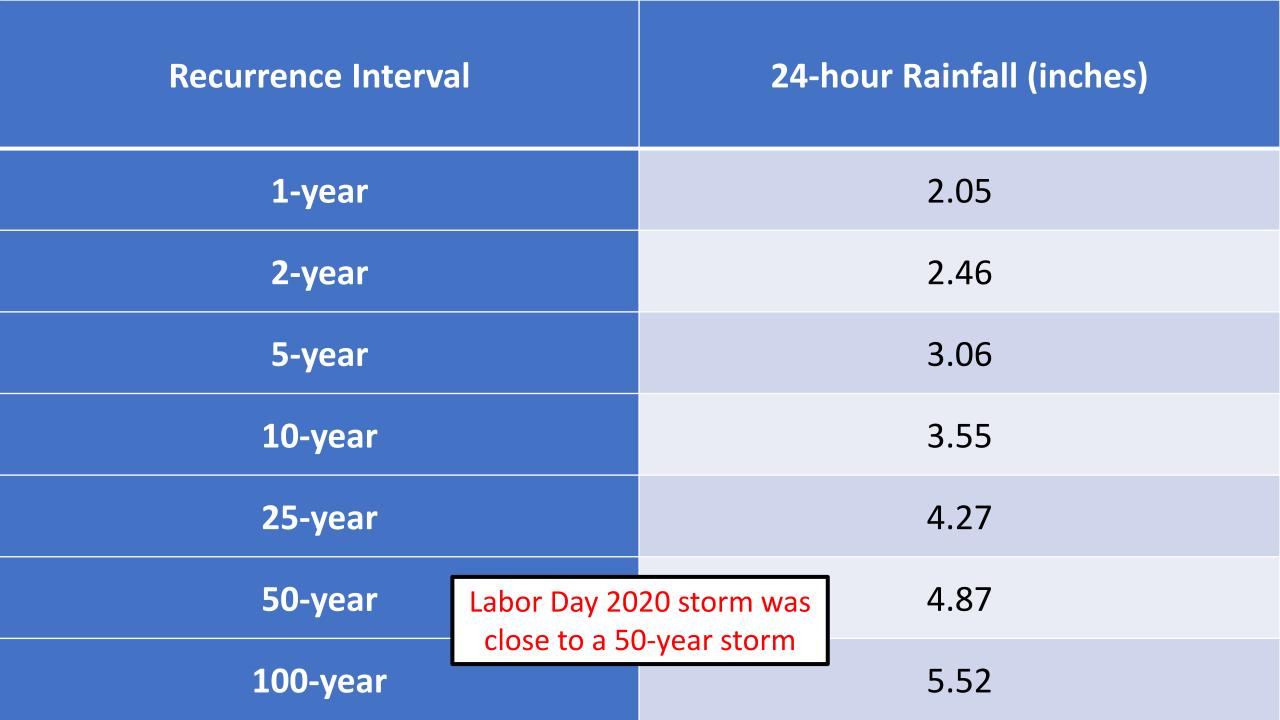






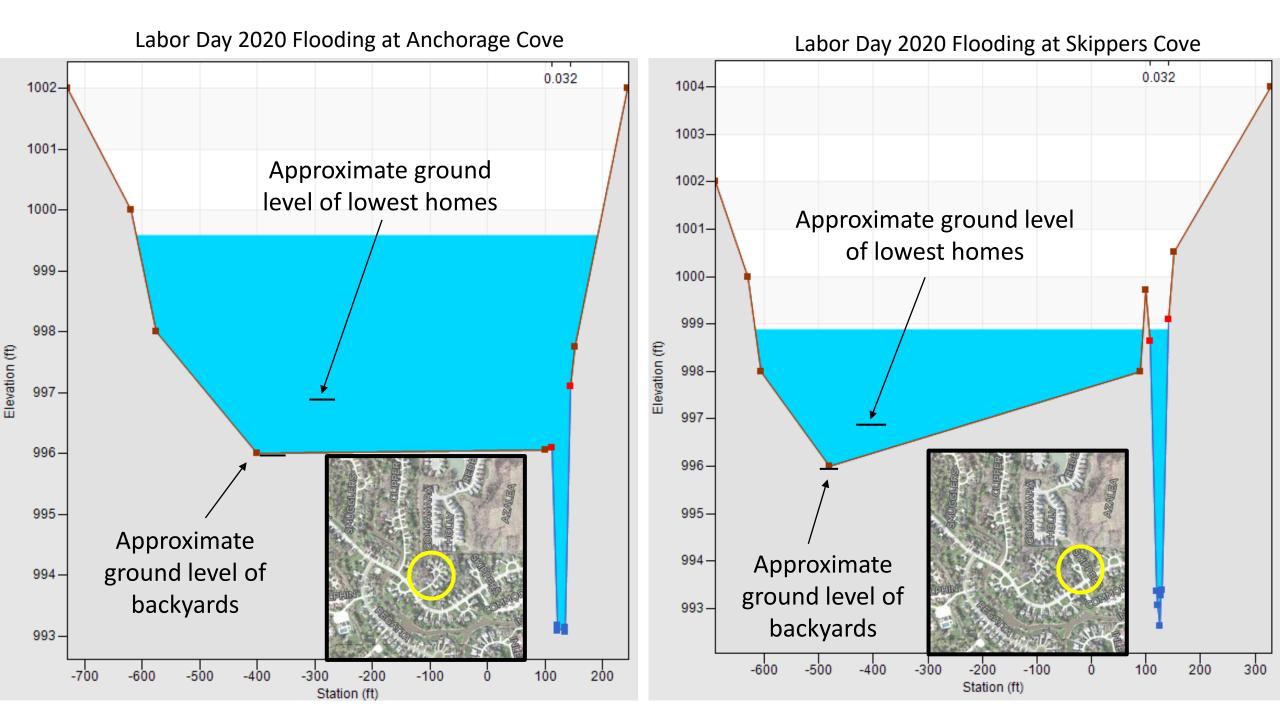
Regatta Trail

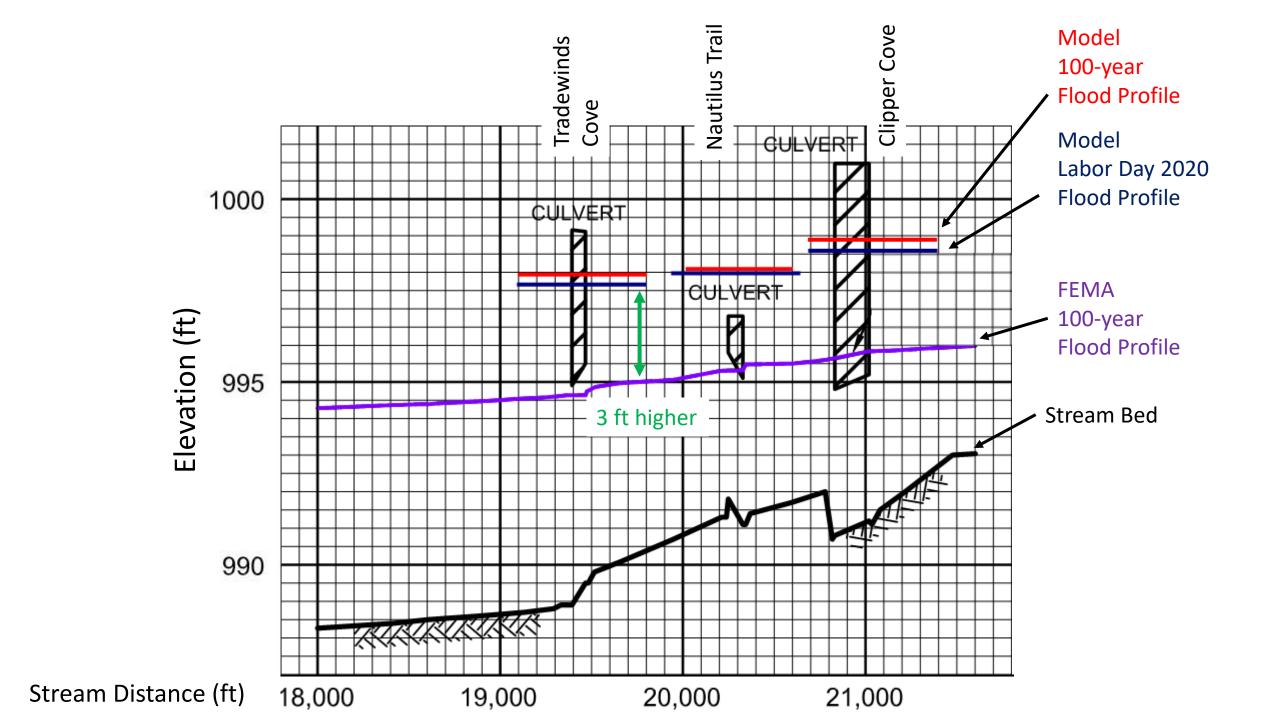


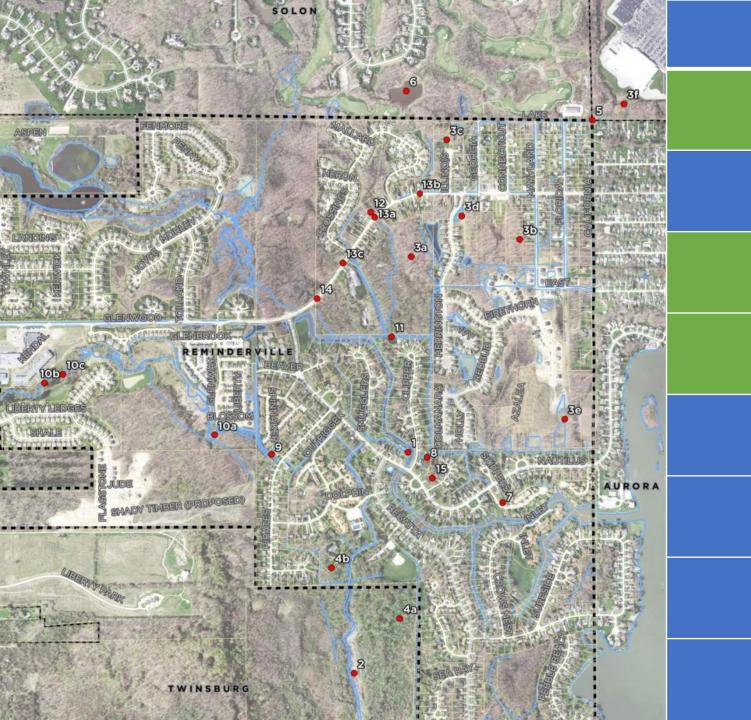












PROPOSED ALTERNATIVES

Culvert

Regrade channel

Storage

Storage + Culvert

Divert flow

Large pump station

Small pump station

Weirs

PROPOSED ALTERNATIVES

COST ESTIMATE

\$720,000

Not estimated

\$1,900,000

\$2,600,000

Not estimated

\$5,400,000

\$2,400,000

Not estimated

Culvert

Regrade channel

cnannei

Storage

Storage + Culvert

Divert flow

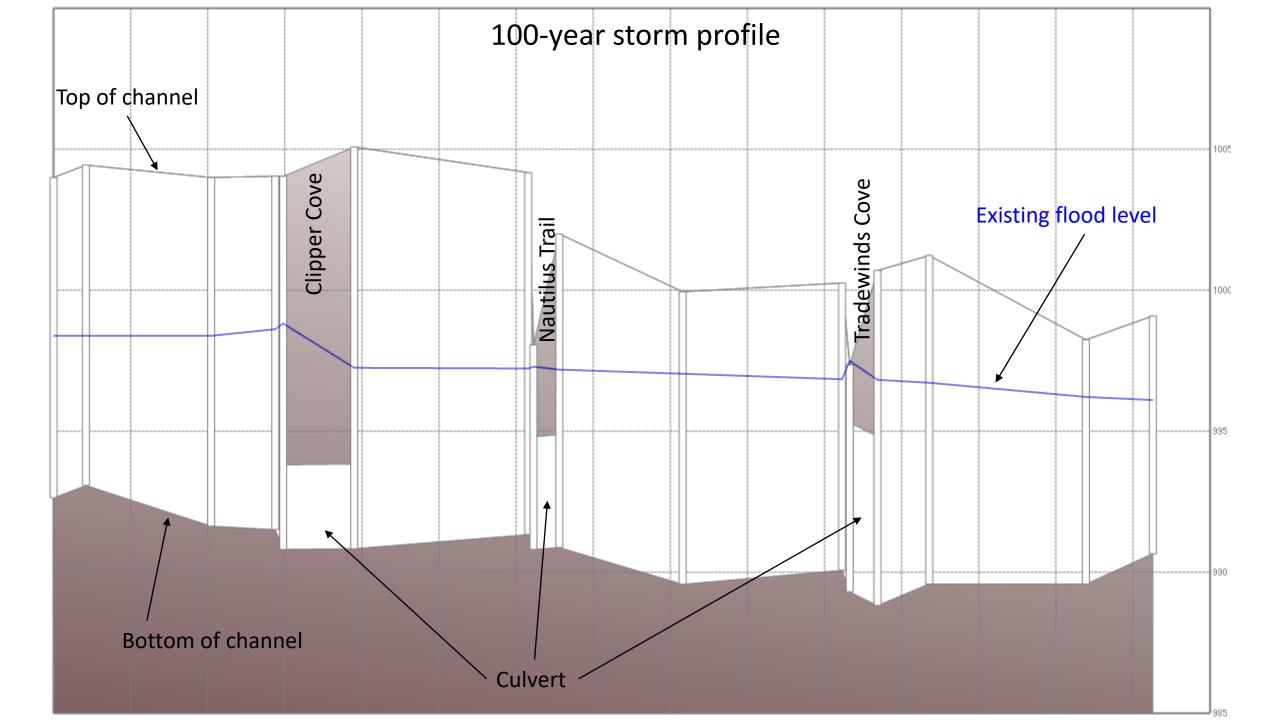
Large pump station

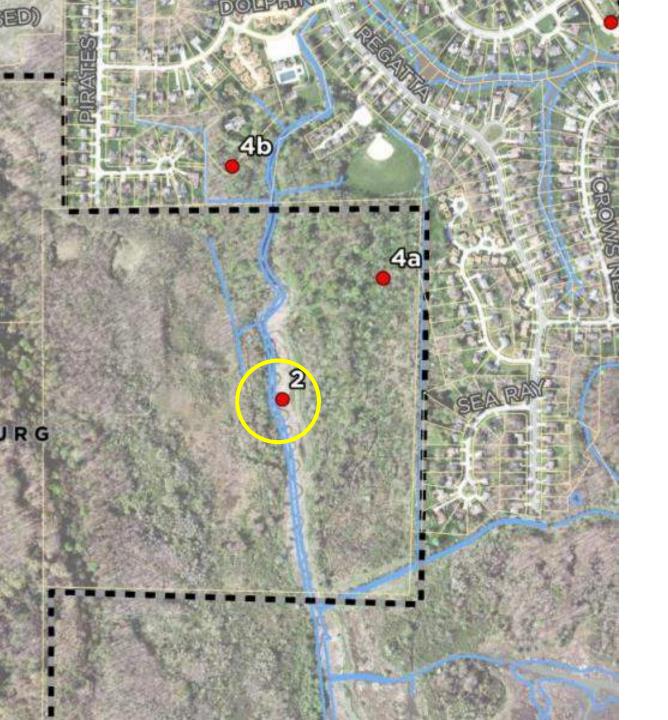
Small pump station

n

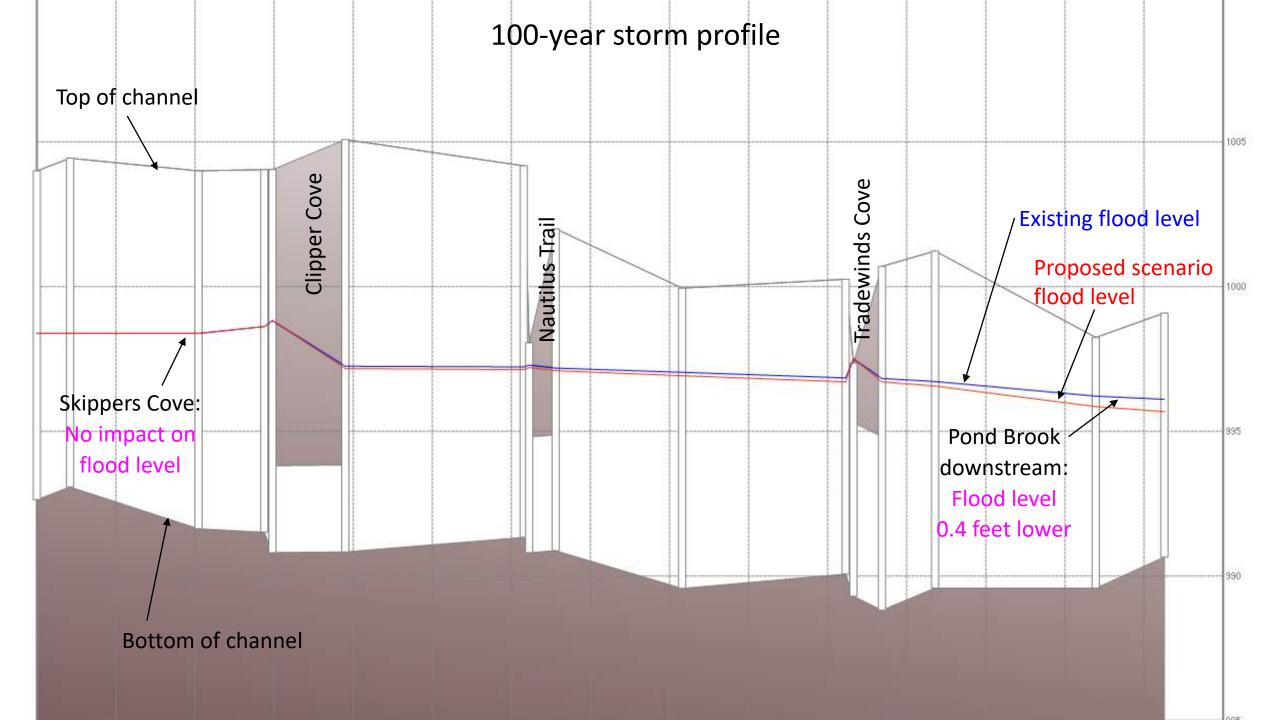
n

Weirs



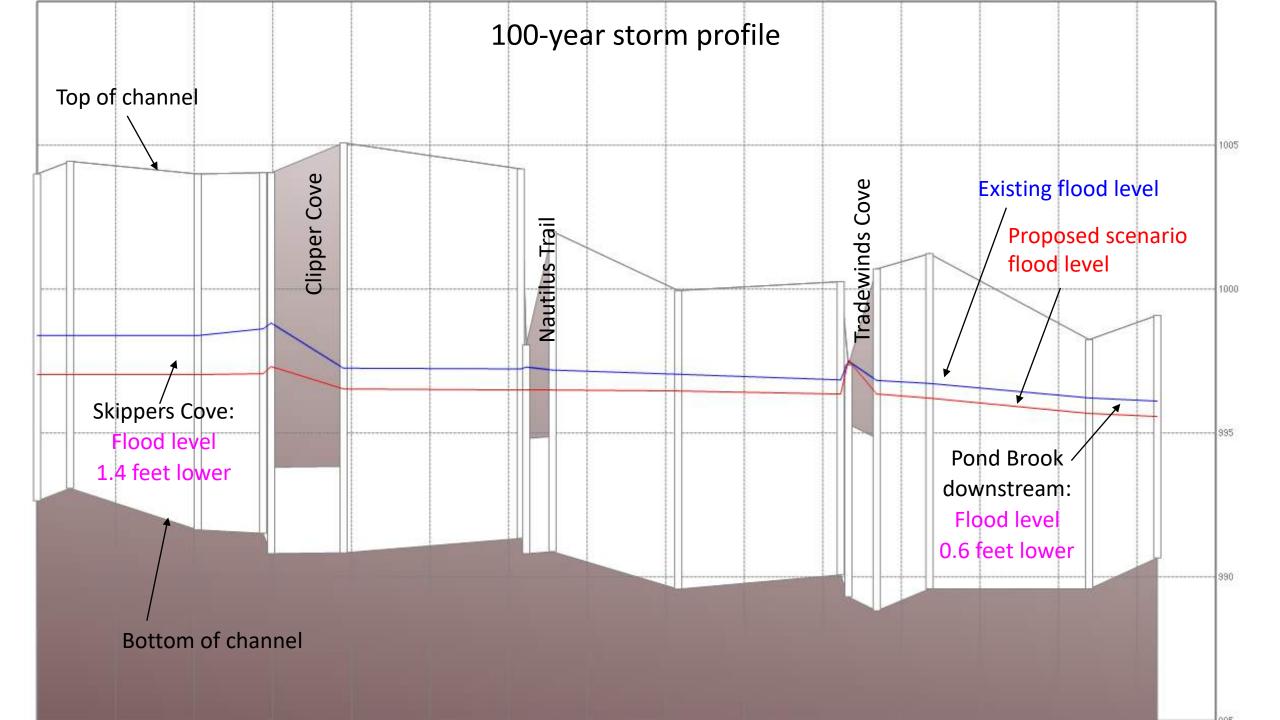


Regrade Channel



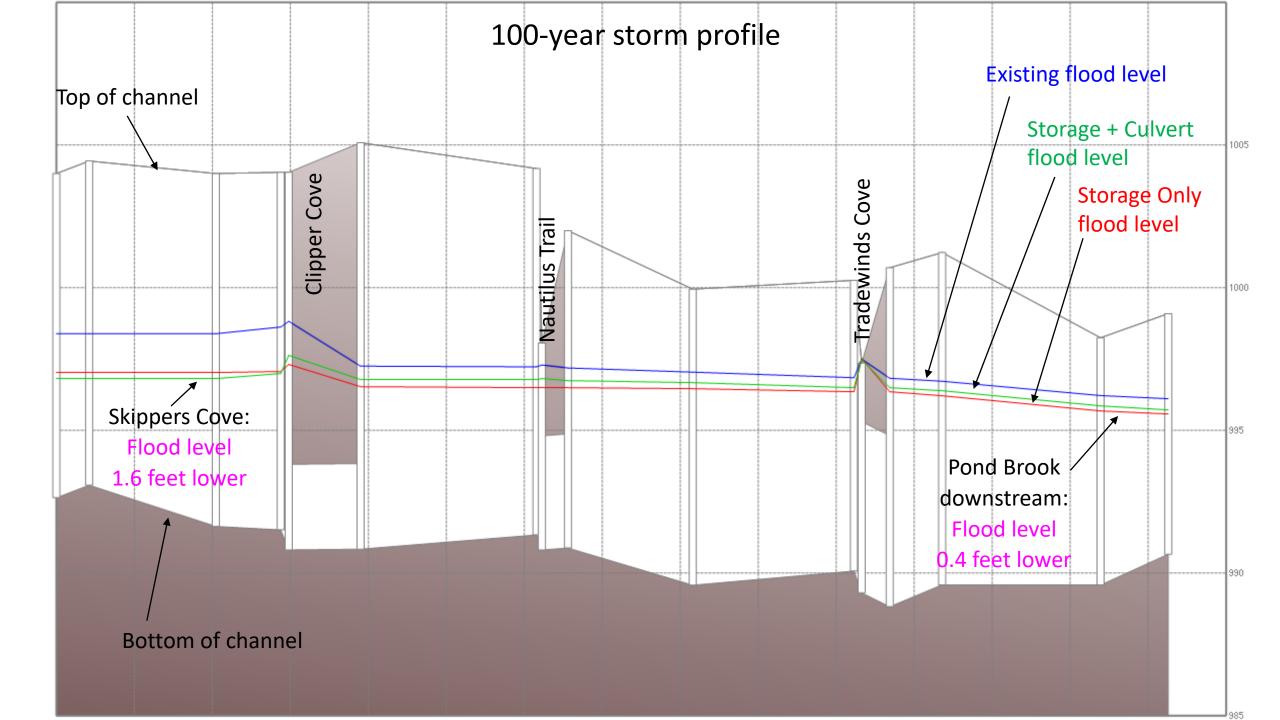


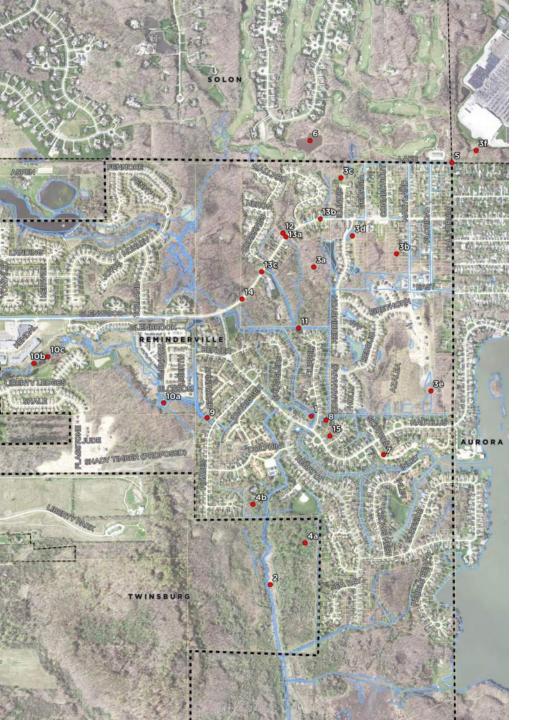
Storage



SOLON

Storage + Culvert





Other Alternatives

PROPOSED ALTERNATIVES	Flood Level Reduction at Anchorage Cove			
	1-year	10-year	100-year	Labor Day
Culvert	0.4	0.4	0.5	1.1
Regrade channel	0.0	0.0	0.0	0.1
Storage	1.1	1.2	1.4	1.9
Storage + Culvert	1.3	1.6	1.6	2.4
Divert flow	0.0	0.0	0.0	0.1
Large pump station	0.6	1.3	1.9	2.3
Small pump station	-0.7	0.2	1.0	1.0

Not modeled Weirs

Key Findings

- Slow down flow upstream with more storage
- Widen culvert to release more flow downstream
- Need both to have significant reduction
- Will not eliminate all flooding from all areas for all storms

Key Recommendations for City

- Plan a series of high-impact projects
- Each project contributes to flood reduction
- Be prepared for floodplain permit process

How Can Residents Help?

- Basic maintenance: review Ordinance
- Support the City's projects
- Assist the City with property acquisition for projects



Questions?

