

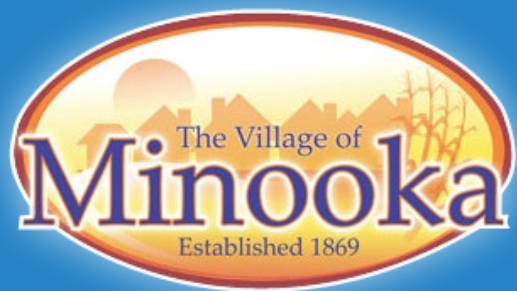
Channahon / Minooka Joint Meeting

DECEMBER 13, 2021

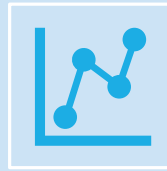


Channahon/ Minooka Joint Meeting Agenda

December 13, 2021



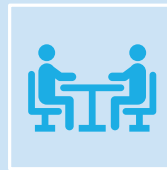
Review of Alternative Water Source Analysis and Findings



Review of Illinois River, Marseilles Pool with AWTP



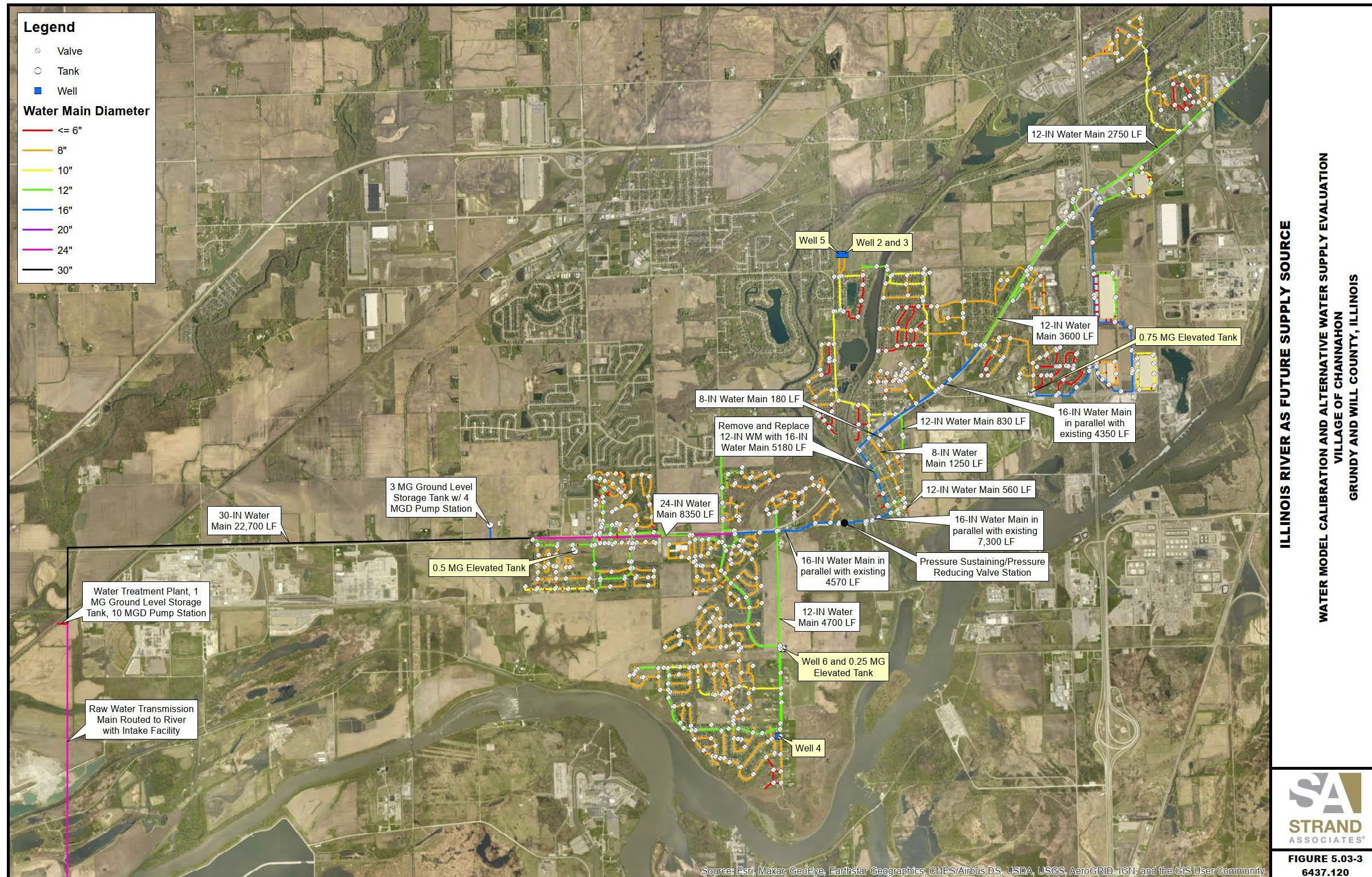
Review of Lake Michigan via Regional Water Commission



Open Discussion & Conversation

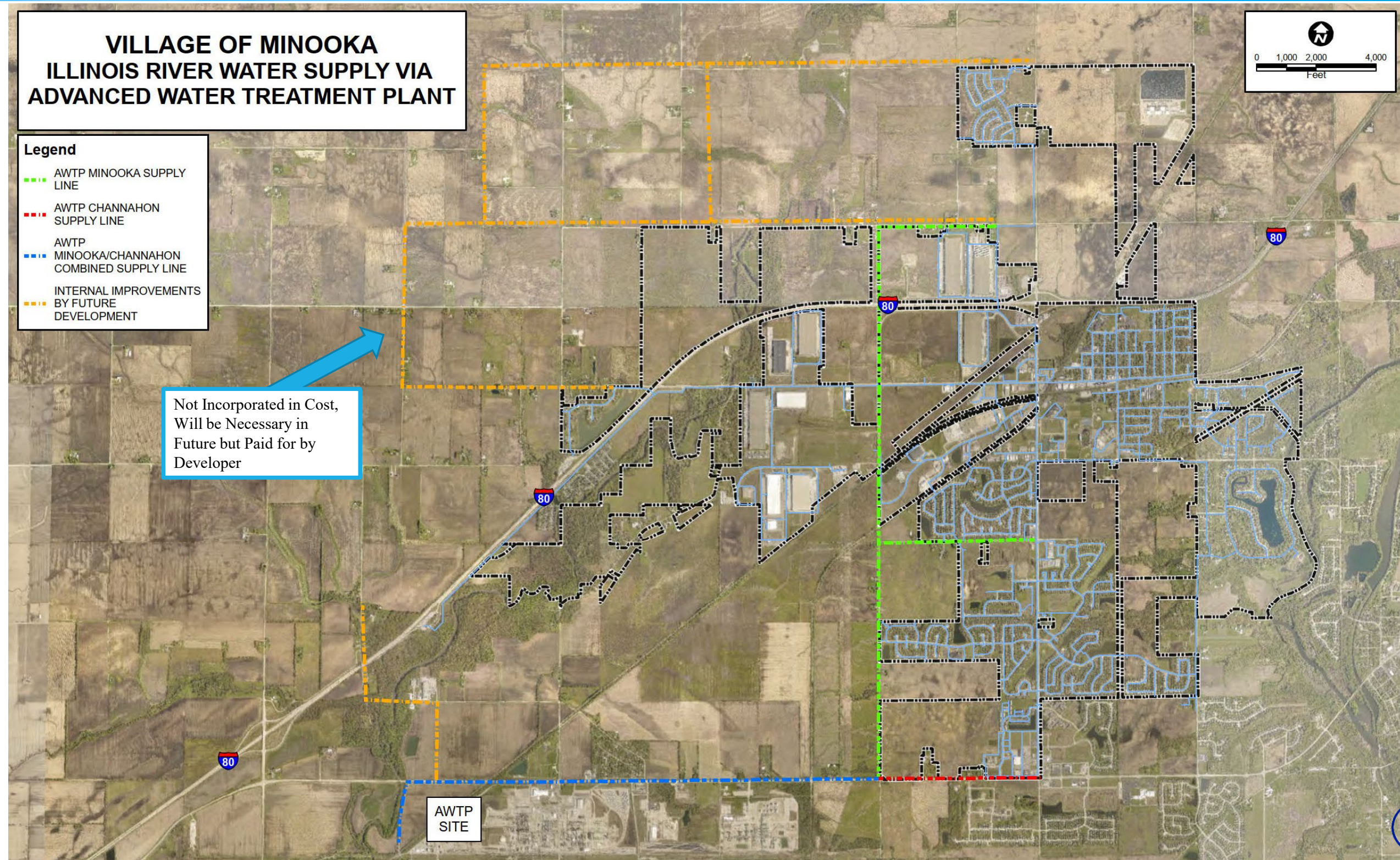
Illinois River Alternative Findings

Village of Channahon

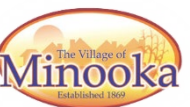
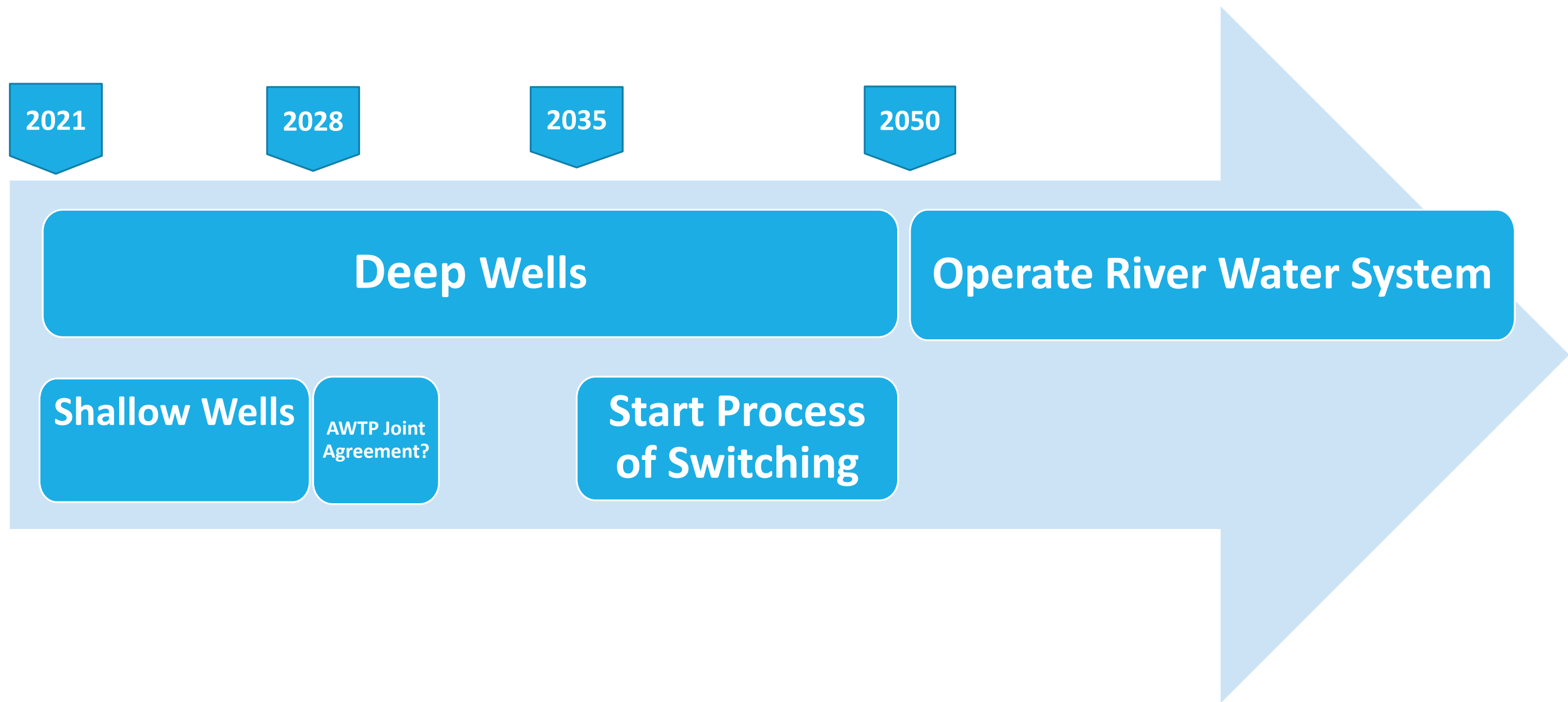


Illinois River Alternative Findings

Village of Minooka



Timeline for Switch to River Source



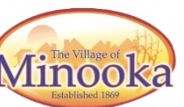
Illinois River Alternative: Pros and Cons

Pros

- Low Risk of Running Out of Water
- Switch to River Can Occur Closer to Aquifer Depletion
- Villages Control Shared (50/50)
- Conceptual Cost Analysis Showed 4% to 9% lower 50 Year Present Worth Over Lake Michigan Water – **When Both Communities Select This Alternative**

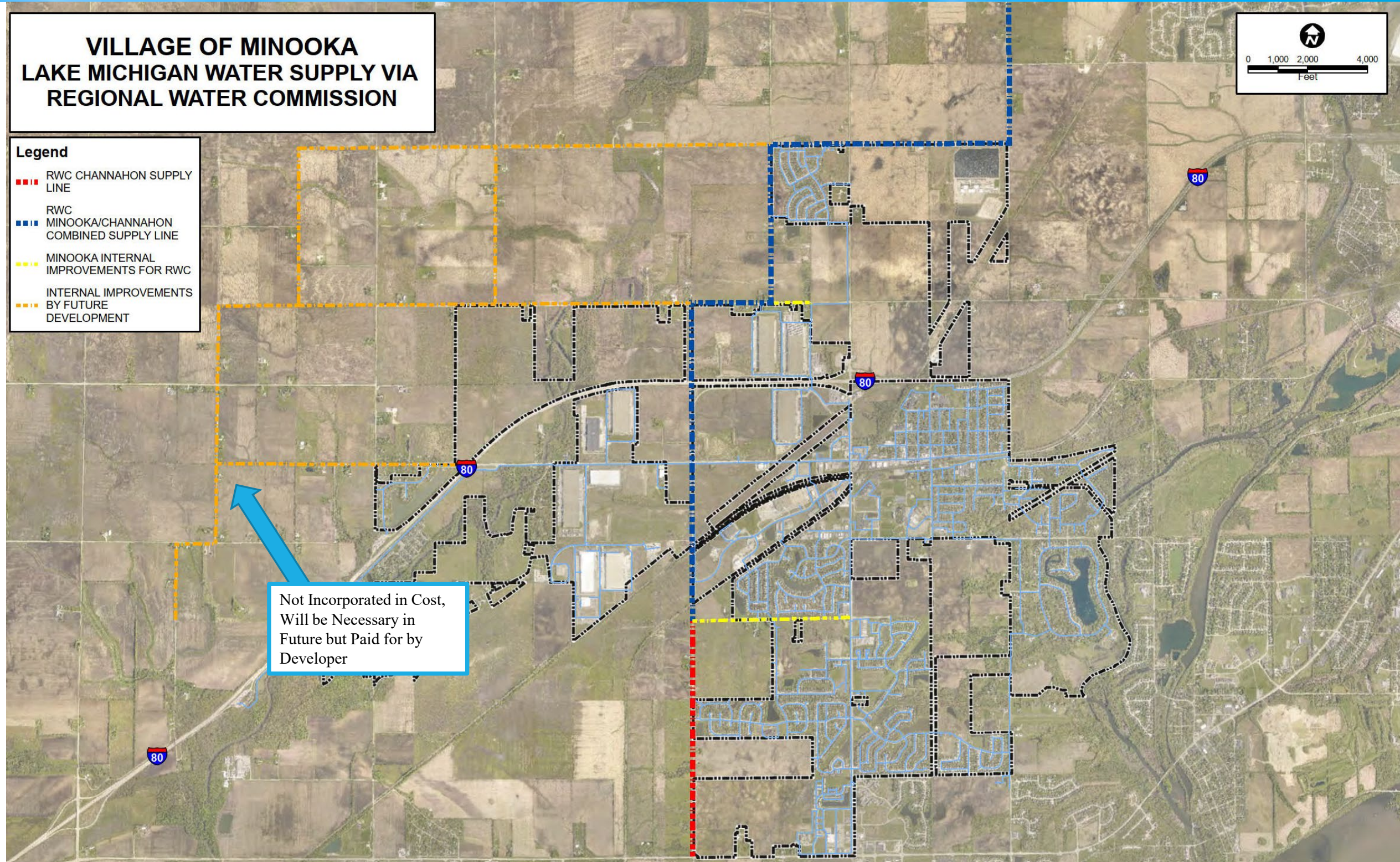
Cons

- Poor Water Quality, Requires High Levels of Treatment
- Low Flow Periods – Emergency Backup Wells/Supply
- Regulatory Approval Will Be Challenging
- Responsibility for Treating Water and Possible New Contaminates Falls on Channahon/Minooka
- Potentially Lose Opportunity to Obtain Lake Michigan Allocation



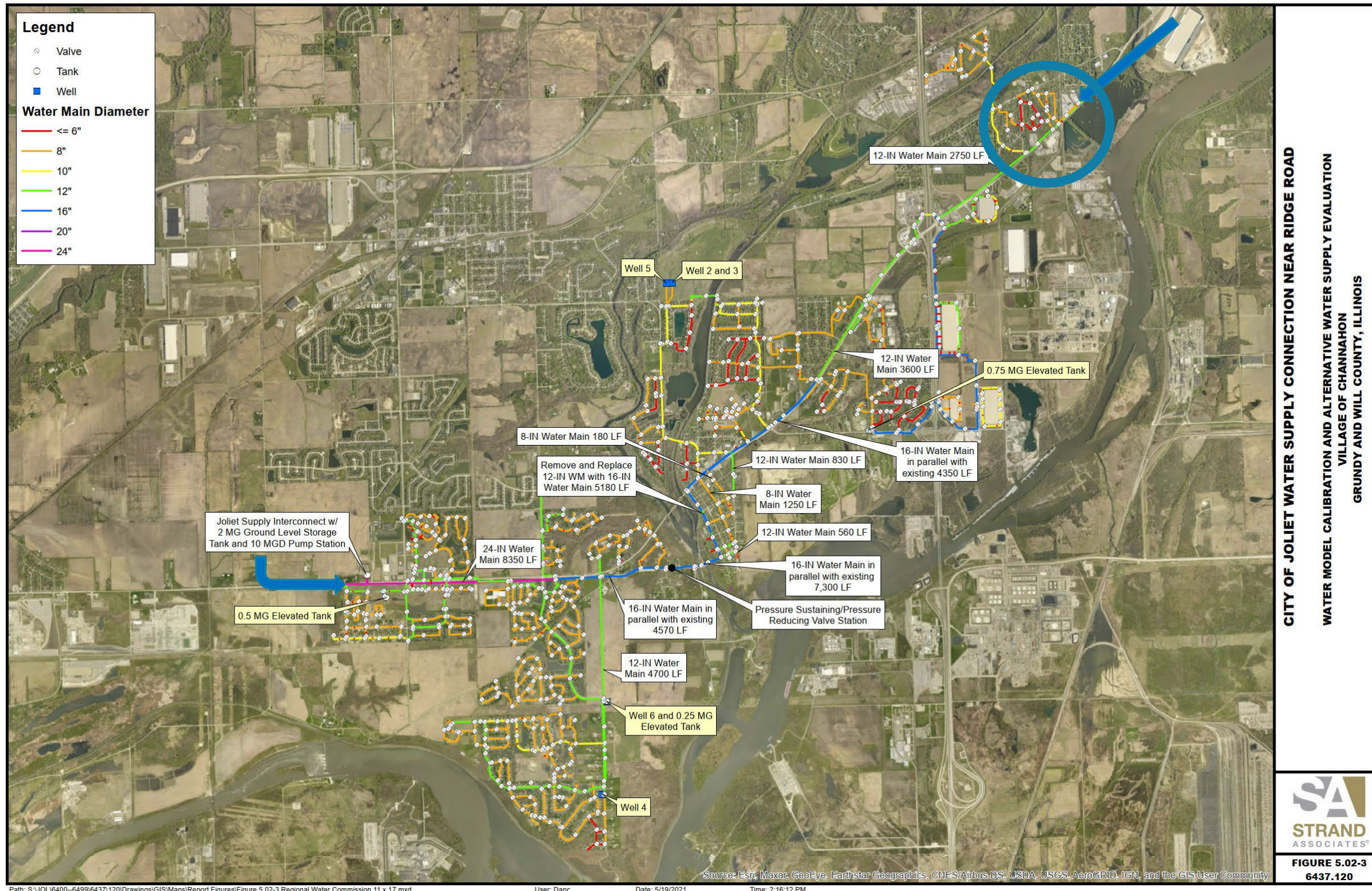
Lake Michigan via RWC

Village of Minooka

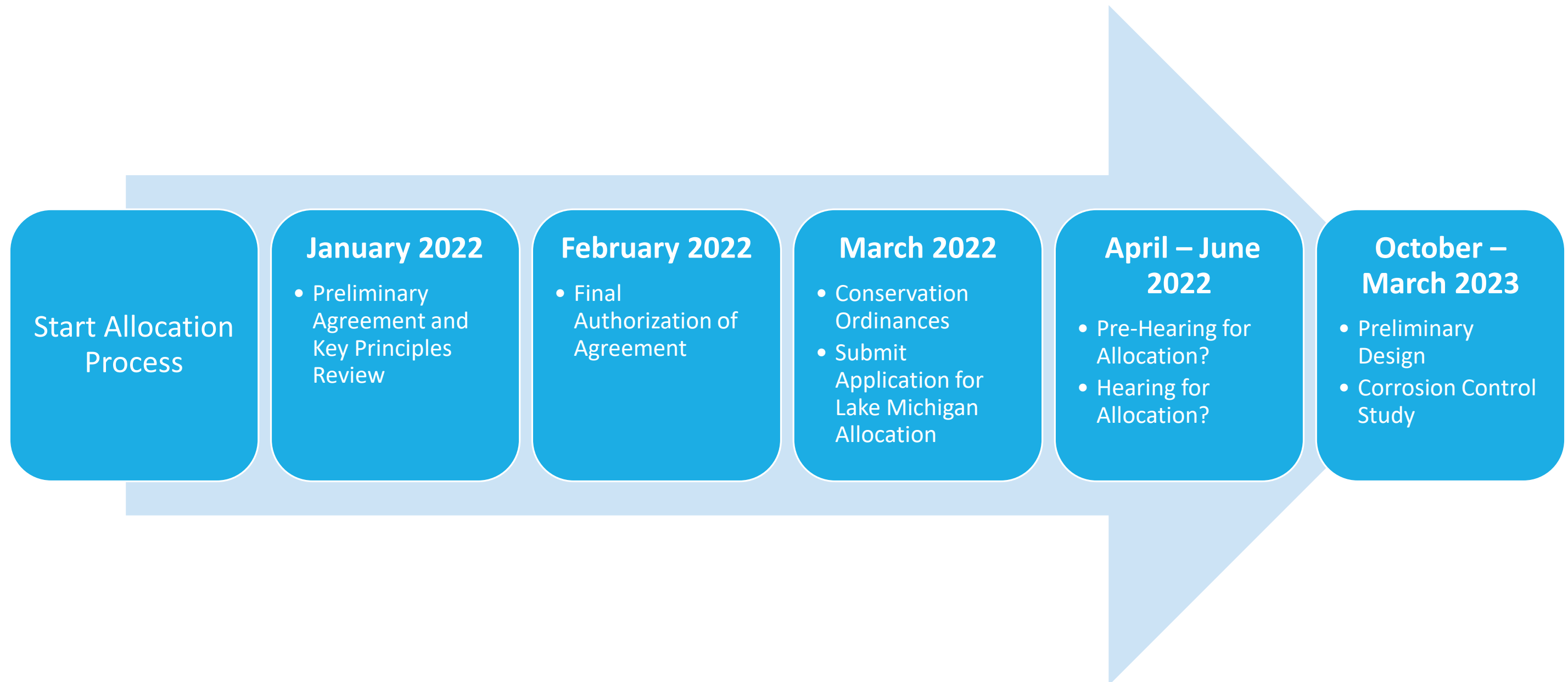


Lake Michigan via RWC

Village of Channahon



Timeline for Lake Michigan Via RWC



Lake Michigan Alternative: Pros and Cons

Pros

- Lake Michigan (Better) Water Quality
- Lowest Risk of Running Out of Water/Water Restrictions
- Water Treatment by Other Entities
- Secure Lake Michigan Allocation While Available
- Simplified Operation and Maintenance

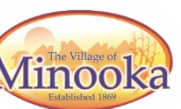
Cons

- Switching Slightly Earlier than Needed
- Commission Infrastructure Control Shared with More Partners
- Chicago Control of Treatment and Sale to Commission (Under 100-year Agreement with transparency)
- Possibly Slightly Higher 50 Year Present Worth Costs (4%-9%) When Compared to Both Communities Teaming on an Illinois River Plant





Open Discussion & Conversation





THANK YOU!

