



**City of Buchanan
USDA Project Update**

March 14, 2022



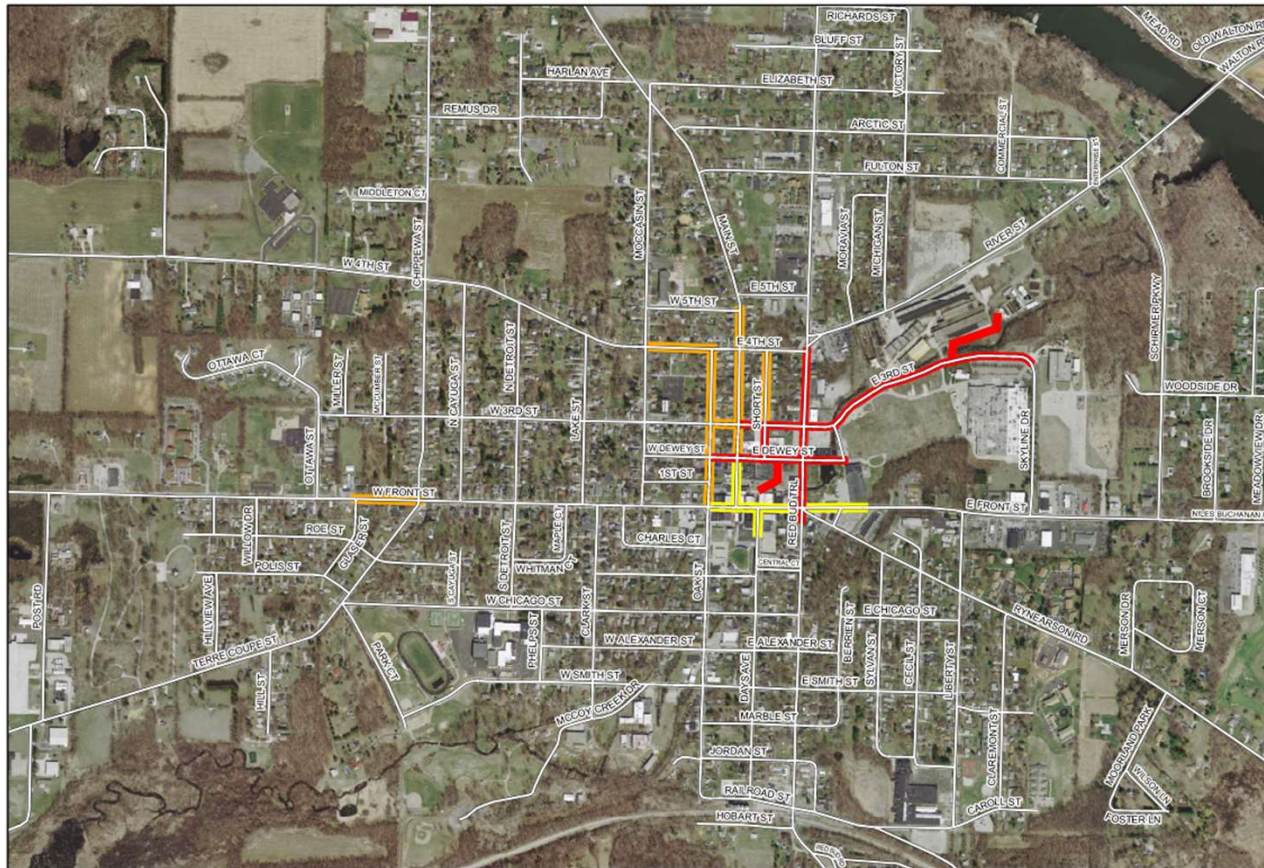
Review of Issues

- September 13, 2021 – Jason Washler Presentation:
 - Review of past studies and issues
 - SAW
 - CIP
 - USDA Project
 - Data presented:
 - Maps of the systems (water, sanitary, storm)
 - Photos of defects and pipe condition
 - Age – charts and maps
 - Area needs and project areas
 - Costs
- Summary - Everything (in downtown core) is old and has reached its useful life

Scope and Timeline

- Downtown Reconstruction Project (2023/2024)
 - Sanitary, Water, Storm and Street Reconstruction
 - New Streetscape in Downtown
 - Lead/Galvanized Water Service Line Replacement
 - Street Light upgrade at Oak and Front
- Well House and Treatment Facility (2023/2024)
 - New Well
 - Iron Treatment

Downtown Reconstruction Locations



SCALE: 1" = 1,000'

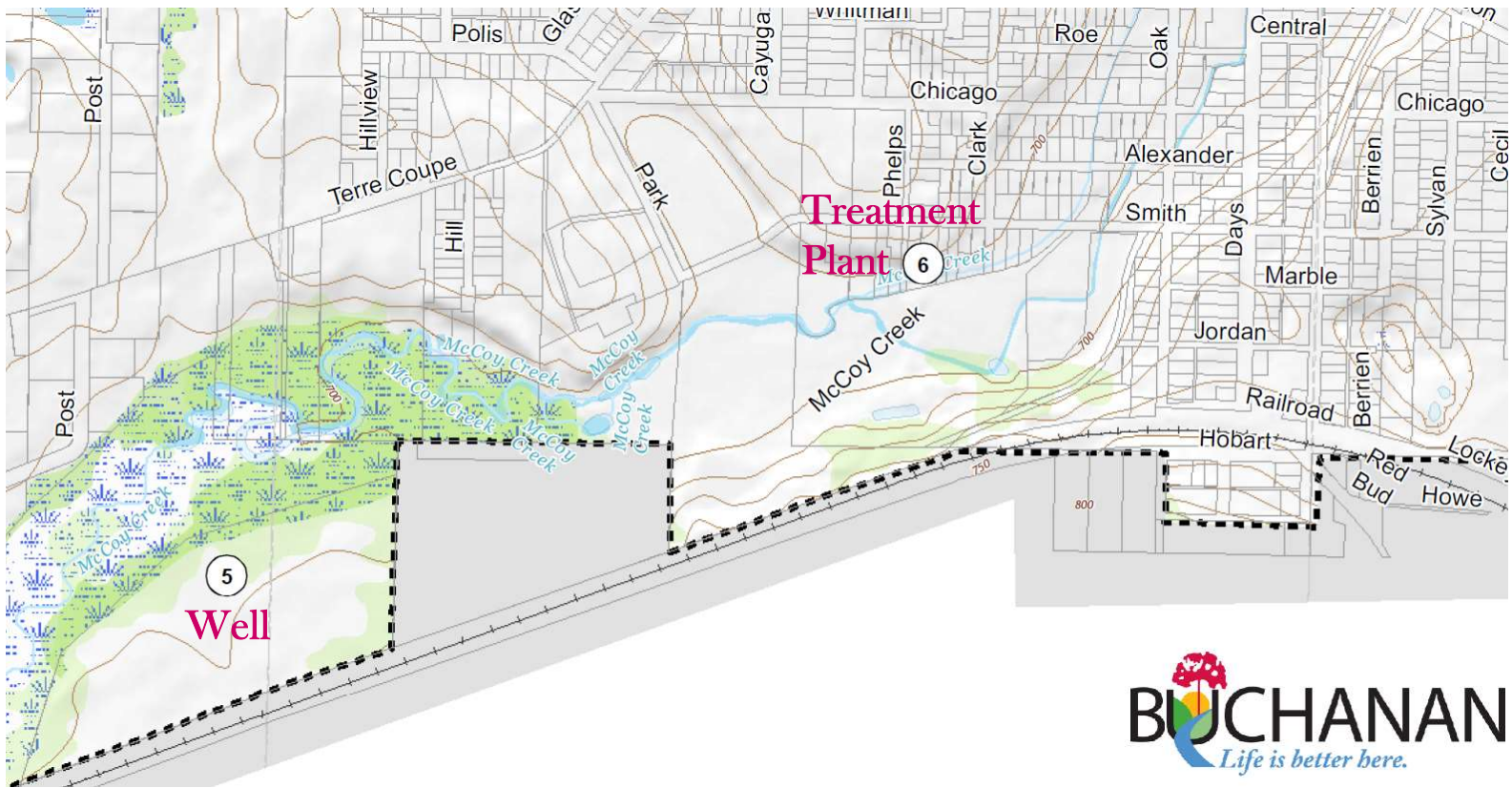
LEGEND

- █ Phase 1 - 2023
- █ Phase 2 - 2024
- █ Phase 1 or 2 - 2023 or 2024

CITY OF BUCHANAN
 Berrien County, MI
PROJECT PHASING
 Prein&Newhof
 2190800



Well and Treatment Plant Locations



Project Update - General USDA

September 2021 To Date

- Closed USDA Letter of Intent
- Locked in Interest Rates and Conditions with USDA for Sanitary and Water
- Met with USDA on Loan Closing Checklist
- Transition from Application to Meeting Loan Closing Requirements

Project Update - General USDA

Next Steps

- Complete USDA Checklist for Closing on Loans (39 items)
 - Submit professional service agreements to USDA
 - Certify the number of users on the system
 - Right-of-way certifications
 - Develop proposed rate analysis and rate structure
 - Submit plans and specification to RD for approval
 - Bid Projects

Project Update – Downtown Reconstruction Project

September 2021 To Date

- Ongoing Topographic Survey
- Underground Utility Survey
- Environmental Corridor Evaluation
- Streetscape Meetings
- Title Work requested for Easement for ROW Certification

Project Update – Downtown Reconstruction Project

Next Steps

- Geotechnical Survey (Soil Borings)
- Develop Construction Plans and Specifications
- Permitting of Creek Crossings (and other permits)
- Streetscape Concept and Design
- Develop Phasing Plan of Construction 2023 vs. 2024
- Develop Maintenance of Traffic and Access Management Plan

Project Update - Wellhouse and Treatment

September 2021 To Date

- Water Samples collected and tested
- Coordinating with DPW site design (same location)
 - Survey
 - Geotechnical
 - Phase 1
 - Concept Layout

Project Update - Wellhouse and Treatment

Next Steps

- EGLE Meeting on Site
- Review new well location with City staff
- Review treatment goals with manufacturer representatives
- Develop treatment building expansion plans
- Develop construction plans and specifications for well and treatment

Questions?

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