



# 2020 Public Works Special Initiatives

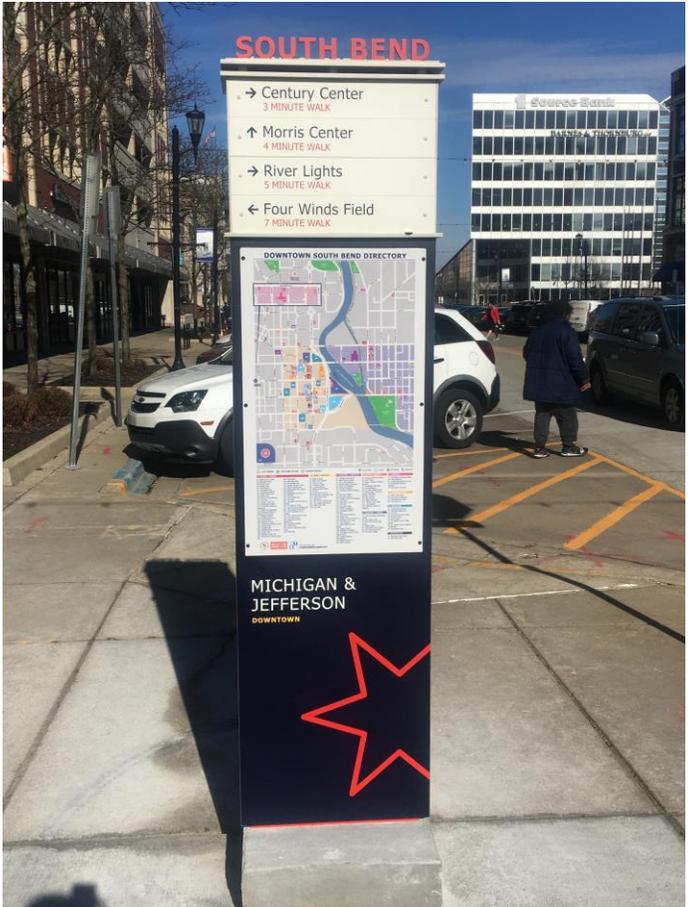
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Department of Public Works

February 27, 2020



# Wayfinding



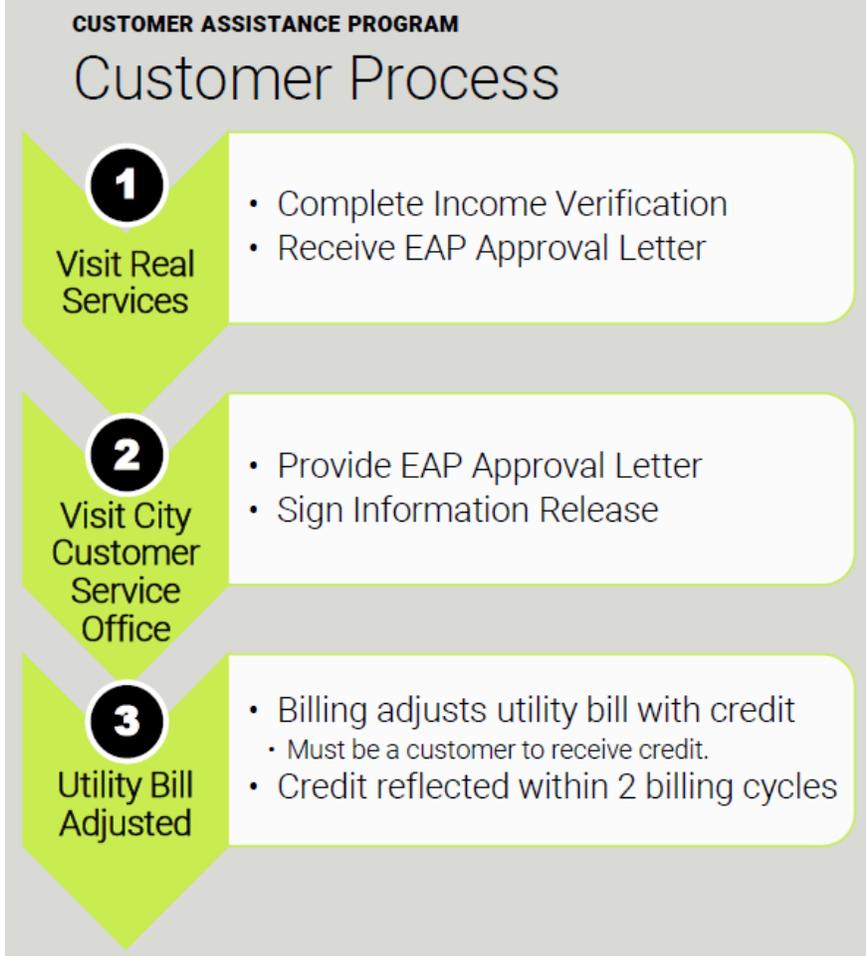


# Customer Assistance Program (CAP)

## Proposed Program:

- Monthly Impact/Surcharge (for all ratepayers): **\$1.75**
- Monthly Credit (for eligible low-income customers):

100% (60% State MHI):	$\$10 + \$1.75 = \$11.75$
75% (60% State MHI):	$\$14 + \$1.75 = \$15.75$
50% (60% State MHI):	$\$19 + \$1.75 = \$20.75$





# Long-Term Control Plan

- Working to conclude negotiations with Federal (DOJ,EPA) and State (IDEM) regulators to reduce cost of LTCP by \$500M
- SAGE+
  - WWTP to 100 MGD
  - GSI Implementation in 9 CSO Basins
  - 3 CSO Storage Tanks



*Smart Sewer Sensor*



# enQuesta

New customer service and billing software system

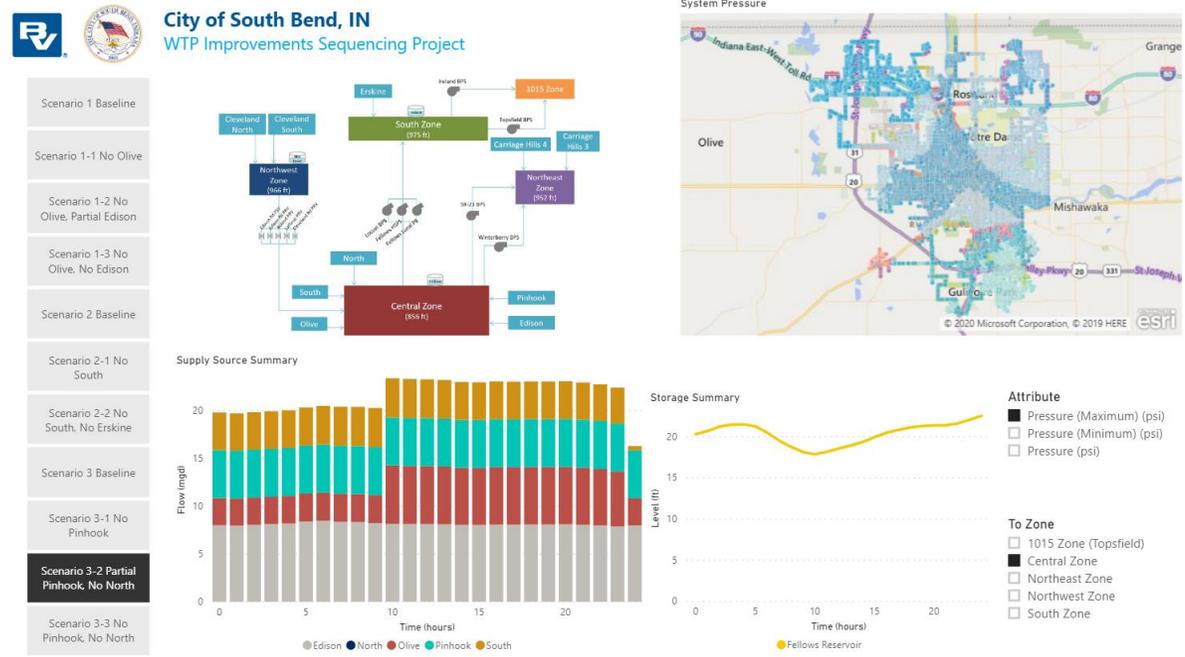
- Improve the overall customer experience
- Updated portal
- Self-service options





# Water System Model Update

- Model Development
- Model Calibration
- Extensive use of Power BI Dashboards
- Various Shutdown Scenarios
  - Alternative supply conditions
  - Meet projected demands
  - Minimize level of service impacts





# 2018 February Flood – Residential Impact

- Downspout Disconnect
- Basement Valve
- Storm Outfall Backflow Prevention





# 2018 February Flood – Infrastructure Impact

- ✓ East Bank Sinkhole
- ✓ East Bank Boat Launch
- East Bank Trail
- Governor Kernan Walkway
- Pier Park
- North Pumping Station





# Solid Waste Route Software





# Solid Waste Branding

**Innovation** working for you.

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This truck is powered by  
**renewable fuel.**

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# West Side Quiet Zone

- Norfolk Southern QZ
  - Established on June 17, 2019.
- CN/GTW QZ
  - NOI 60-day comment period has passed
  - Improvements – Spring 2020
  - Establishment – Summer 2020
- NICTD and Grandview QZ
  - NOI 60-day comment period has passed
  - Improvements – ASM under review
  - Establishment – Winter 2020





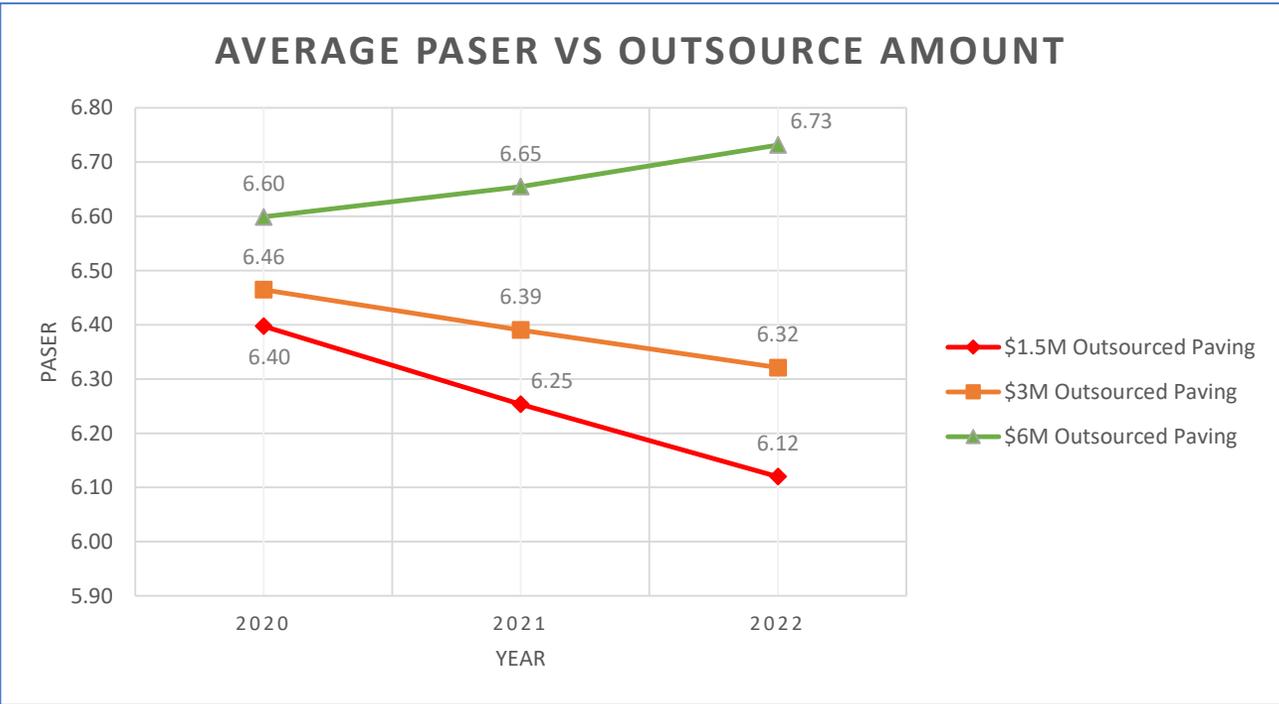
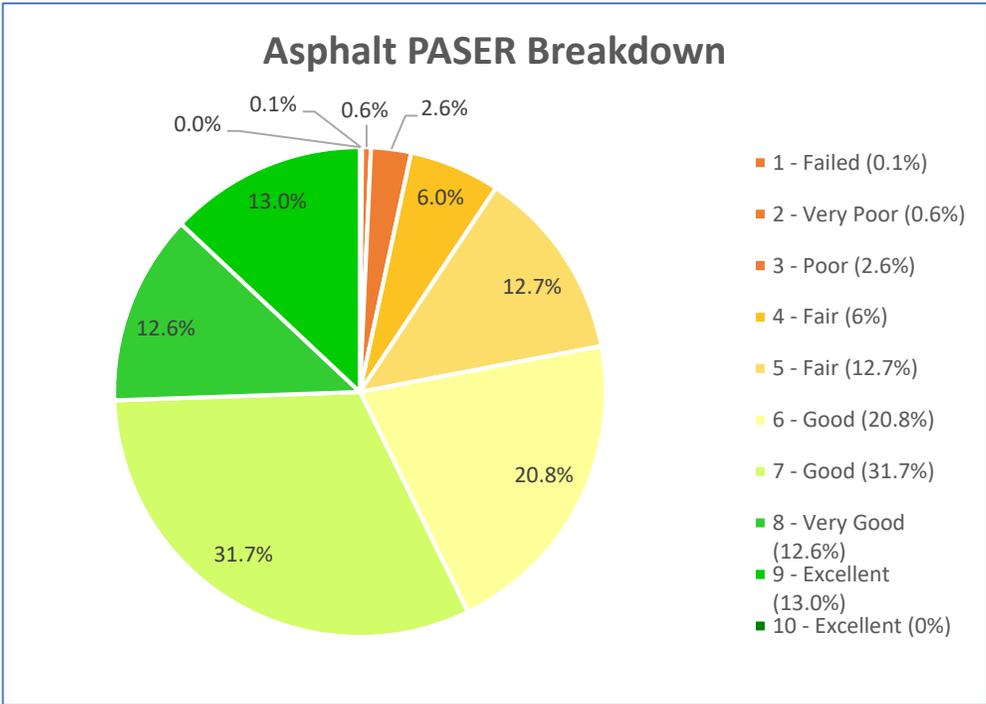
# South Shore Update

- At-grade downtown station option being studied further
  - South Street by Union Station
- Economic impact of Airport Cargo Plan
- Expect findings to Council in March 2020





# Road Plan



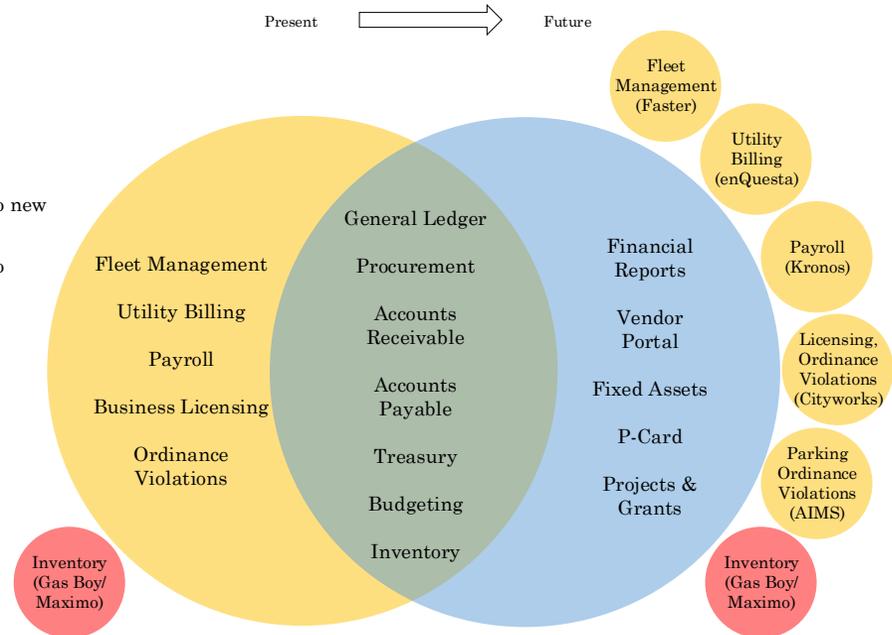


# DFO Vendor Portal

- Targeted communications
- Project plans/specifications
- Potential for accepting electronic bid submissions
- PO and invoice exchange
- Potential to be integrated with future software platforms

### Transition from NaviLine to DFO

- Functions presently in NaviLine and moving to new external systems
- Functions presently in NaviLine and moving to DFO
- New functions launching in DFO
- Functions remaining in existing external systems





**Thank you**