



City of Newark Update

What We've Been Up To

Lindsey Brighton, GIS Coordinator



Items to Discuss

- **Background**
- **GeoAsset 3**
- **Lucity Roundtable Discussions**
- **ArcGIS Online**
- **Downtown Revitalization Project**



Background

The City of Newark and Lucity

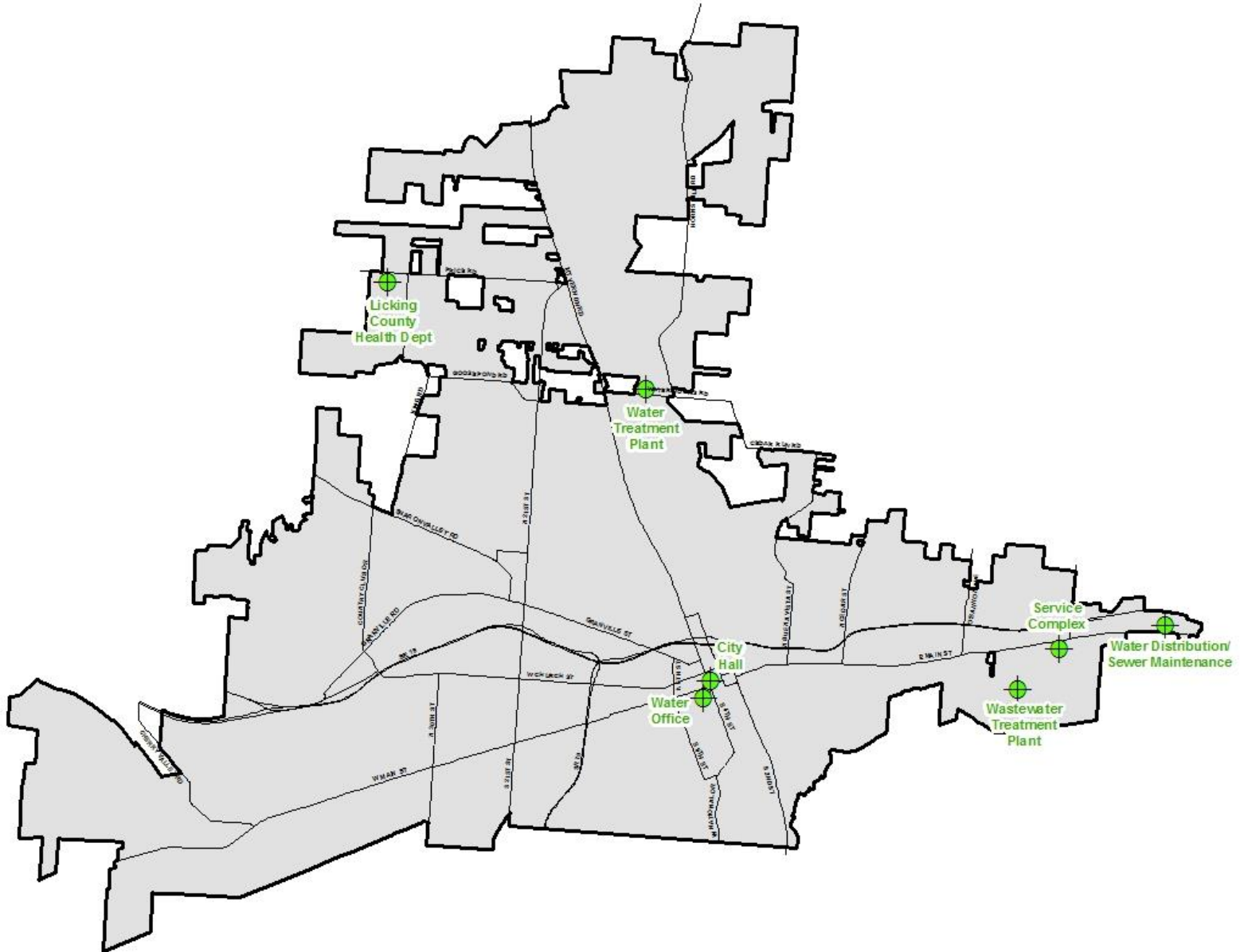




Overview of Lucity at Newark

- Upgraded to 2014r1, SP1 in February
- 4 Clients: City of Newark, Wastewater Plant, Water Plant, Training
- Street Department bills Stormwater with work orders
- County Health Department took over Backflow Preventer Inventory
- Water office gals enter work requests through Lucity Web and email is sent to Water Distribution Office

Lucity Users in City of Newark





Lucity Overview

■ Sewer

- 5,974 Pipes*
- 5,474 Manholes*
- 22 Pump Stations*
- 32 Pumps
- 10,956 Service Laterals
- 9,703 Service Lateral Permits

■ Storm

- 7,908 Conduits*
- 9,074 Structures*
- 11 Pump Stations
- 15 Pumps



Lucity Overview

■ Water

- 19,501 Service Taps
- 40 Flow Meters
- 2,077 Hydrants*
- 2,577 System Valves*
- 2,151 Control Valves
- 4,931 Pipes*
- 2,318 Nodes*
- 6 Pump Stations*
- 14 Pumps
- 5 Storage Facilities*
- 19 Vaults/Structures
- 1,501 Backflow Preventers

■ Trees/Parks

- 28 Parks

■ Fleet

- 310 Fleet
- 1,618 Equipment

■ Facility

- 139 Facility Sites
- 54 Site Assets
- Keys



Lucity Overview

- **Transportation**
 - 2,995 Segments/Subsegments*
 - 916 Supersegments
 - 1,789 Intersections*
 - 25,821 Signs*
 - 592 Signal Heads
 - 78 Controllers
 - 18 Street Light Control Centers
 - 4,268 Street Lights*
 - 98 Cabinets



Lucity Overview

■ Work

- 113,914 Work Orders
- 274 PMs/WO Templates
 - 42 are PMs
 - 2 are Grouped

■ General

- 21,875 Addresses
- 1,072 Street Names

■ Work Flow Setup

- 348 Employees
- 67 Crews
- 84 Contractors
- 373 Equipment
- 1,193 Materials
- 7 Fluids
- 633 Work Tasks
- 390 Problems
- 298 Causes
- 13 Classifications
- 51 Master Projects



GeoAsset

Through the years



The Original GeoAsset (Web ADF)

geoAsset - Windows Internet Explorer

http://water-gbagis-01/geoasset/

File Edit View Favorites Tools Help

GoodSearch Search I support: ReUse Industries (A... Donation Coupon Update Toolbar

geoAsset

geoAsset™

City of Newark Ohio
Division of Water and Wastewater

Layout Printing | Find Address | Find Parcel | Find Owner | Get Routes

1:84,000

Results

Map Contents

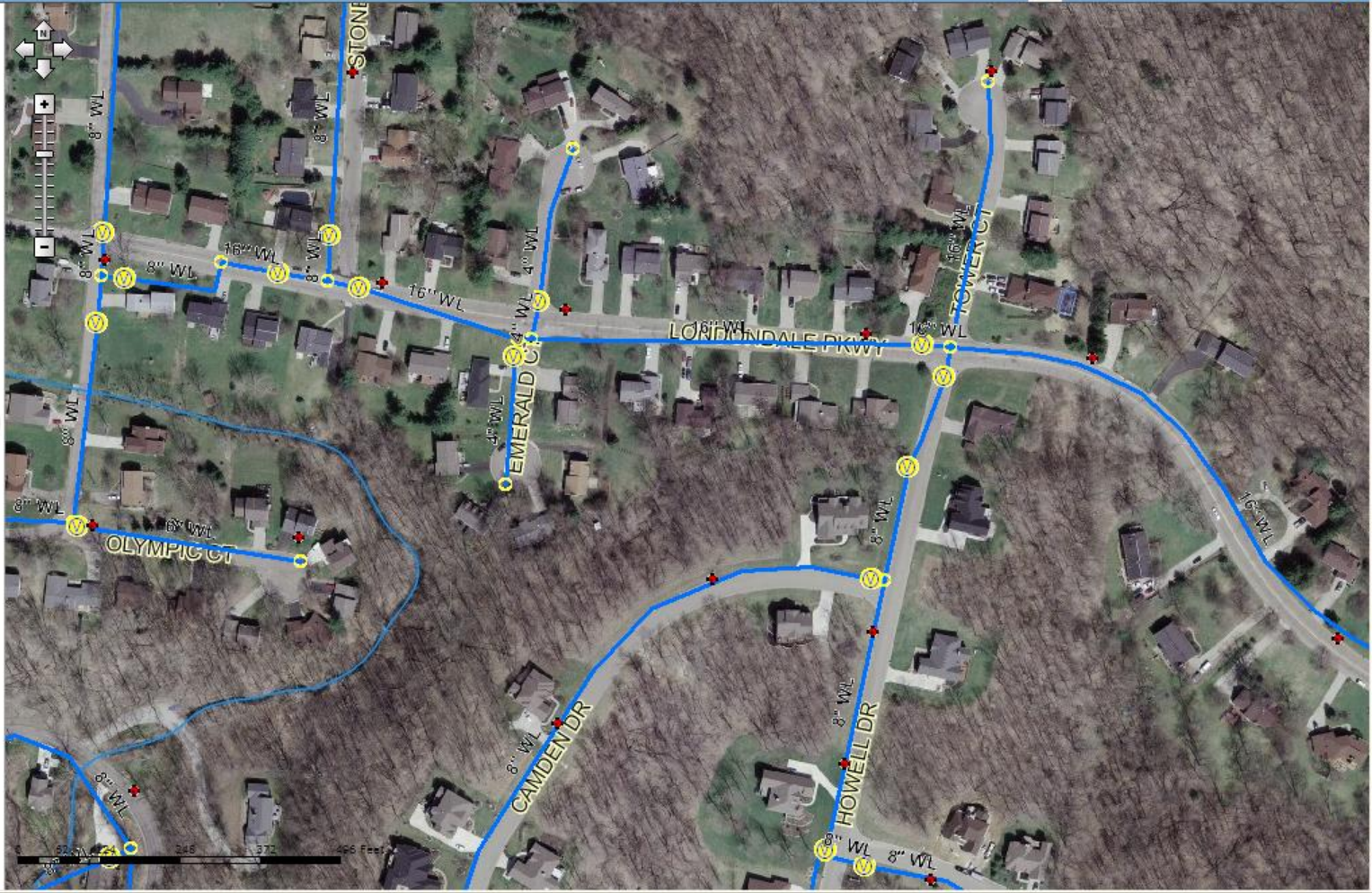
- Utilities
 - Storm Structure
 - Sewer Manhole
 - Water Hydrant
 - Water Valve
 - Water Node
 - Sewer Pump Station
 - Street Segment
 - Storm Conduit
 - Water Pipe
 - Sewer Pipe
 - Parcels
- Base Map
 - City Boundary
 - Streams
 - Major Roads
 - Street Names
 - Newark Imagery

0 2187 4374 8748 13122 17496 Feet

2015/238.826, 770092.538

start | Inbox - Microsoft Out... | basemap3.mxd - Arc... | Microsoft PowerPoint ... | Document2 - Microsof... | GBA Master Series 7... | geoAsset - Windows ... | 61° 11:28 AM

- Results
- Map Contents
- Utilities
 - Storm Structure
 - Sewer Manhole
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 - Water Valve
 - Water Node
 - Sewer Pump Station
 - Street Segment
 - Storm Conduit
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 - Major Roads
 - Street Names
 - Newark Imagery



GeoAsset 2.0 (Flex)

The screenshot displays the GeoAsset 2.0 (Flex) application interface. At the top left, the title bar reads "City of Newark geoAsset" with a "Back to Dashboard" link. The main window title is "geoAsset 2.0". The top right corner shows a scale of "1 inch = 6019 feet" and a "Select a Scale" dropdown menu. The interface includes a standard GIS toolbar on the left with navigation and tool icons. A "Lucy" panel is open in the upper left, featuring a "Select a Layer" dropdown, a "Select an Asset" dropdown, and a "Select Action" dropdown set to "Select One". The central map area shows a yellow-shaded urban area with a network of roads and assets. Labeled roads include DRYCREEK RD NE, PRICE RD, WELSH HILLS RD NE, SHARON VALLEY RD NE, GRANVILLE RD, W CHURCH ST, W MAIN ST, HOPEWELL DR, BLUE HAY RD, WILKINS RUN RD NE, WILSON VISTA ST, DAYTON RD NE, and E MAIN ST. Highway shields for 657, 13, 79, and 16 are visible. A 5 km scale bar is located in the bottom left corner.

GeoAsset 2.0

City of Newark Back to Dashboard
geoAsset

1 inch = 60 feet Select a Scale About

Imagery On/Off

Lucy

- Select a Layer
- Select an Asset

Select Action Select One

Layer Visibility

- Utilities**
 - Storm Structure
 - Storm Conduit
 - Sewer Manhole
 - Sewer Pump Station
 - Sewer Pipe
 - Water Hydrant
 - Water Valve
 - Water Node
 - Water Pipe
- Complaints**
- Order History**
- Economic Development**
 - TIF
 - CRA
 - Existing Land Use
 - Tracts
 - Block Groups
 - Blocks
- Miscellaneous**



GeoAsset 3

- JavaScript
- Developed by T & M Associates
- Templates created to have full control of the pages
- 3 Versions
 - 1 Internal
 - 2 Public
 - 1 for the general public
 - maps.newarkohio.net
 - 1 for CSO only
 - gis.newarkohio.net/cso



GeoAsset 3 - DEMO

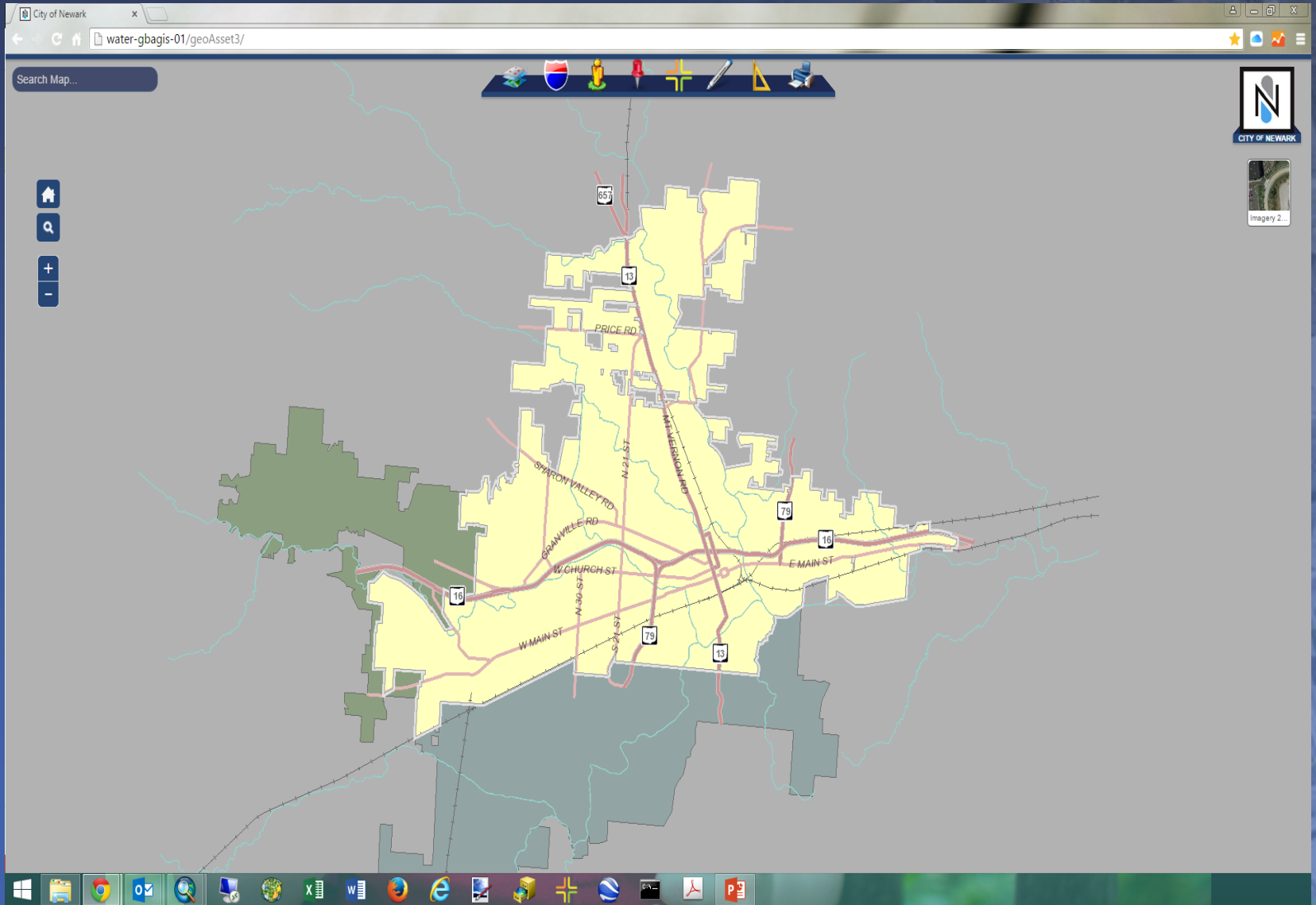
- maps.newarkohio.net



GeoAsset 3 – Public Site vs Internal Site

- **Added Tools on Internal Site**
 - Routes, Complaints, Lucity
- **Added Layers on Internal Site**
 - Water Complaints
 - Engineering
 - Service Order History
 - Contours
 - Miscellaneous Utility Info
 - Schools
 - Safety
 - Transportation
 - Parcels

GeoAsset 3 – Internal Site



GeoAsset 3 – Routes Tool

The screenshot displays the GeoAsset 3 Routes Tool web application. The browser address bar shows the URL `water-gbagis-01/geoAsset3/`. The interface includes a search panel on the left with the following options:

- Search Map...
- Choose:
 - Address / Intersection
5 W Main St / Mouth & 21 St
 - Parcel by Auditor PIN
5418667000000
 - Parcel by Owner Name
Doe, Jane

The map area shows a yellow-shaded parcel with a network of red lines representing routes. Labeled streets include PRICE RD, STARON VALLEY RD, GRANVILLE RD, W CHURCH ST, W MAIN ST, N 21 ST, N 30 ST, S ST, E MAIN ST, and W HENRIKSON RD. Highway shields for routes 657, 13, 79, and 16 are visible. A toolbar at the top center contains various navigation and tool icons, with a red circle highlighting the first icon. The City of Newark logo is in the top right corner, and a taskbar with various application icons is at the bottom.

GeoAsset 3 – Routes Tool

The screenshot displays the GeoAsset 3 Routes Tool interface. At the top, the browser address bar shows the URL "water-gbagis-01/geoAsset3/". The main map area shows a yellow-shaded region of Newark, NJ, with various streets and highways labeled, including Price Rd, Sparrow Valley Rd, Branville Rd, W Church St, W Main St, N 21 St, N 24 St, S 24 St, W 30 St, E Main St, and routes 657, 13, 79, and 16. A toolbar at the top center contains several icons, with the first icon (a shield with a blue and red design) circled in red. On the right side, a sidebar titled "ROUTES" contains a button labeled "Get Work Order Routes". The bottom of the screen shows a Windows taskbar with various application icons.

GeoAsset 3 – Complaints Tool

The screenshot displays the GeoAsset 3 web application interface. At the top, the browser address bar shows the URL "water-gbagis-01/geoAsset3/". The main map area shows a yellow-shaded region representing a city or district, with various streets and roads labeled, including Price Rd, Sharon Valley Rd, Granville Rd, W Church St, W Main St, N 21 St, N 30 St, E Main St, and W Main St. A red circle highlights a red pushpin icon in the top toolbar. On the left side, there is a search panel with the following options:

- Search Map...
- Choose:
- Address / Intersection
5 W Main St / Moul & 21 St
- Parcel by Auditor PIN
5418667000000
- Parcel by Owner Name
Doe, Jane

Below the search panel are zoom in (+) and zoom out (-) buttons. The bottom of the screen shows a Windows taskbar with various application icons.

GeoAsset 3 – Complaints Tool

The screenshot displays the GeoAsset 3 Complaints Tool interface. The browser address bar shows the URL `water-gbagis-01/geoAsset3/`. The main map area shows a yellow-shaded region of Newark, NJ, with various streets and highways labeled, including Price Rd, Sharon Valley Rd, Granville Rd, W Church St, W Main St, N 21 St, N 30 St, S 21 St, E Main St, and routes 657, 13, 79, and 16. A toolbar at the top contains icons for home, search, zoom, and other map functions. On the left side, there are additional navigation icons. On the right side, a sidebar titled "COMPLAINTS" contains two buttons: "Create New" and "Search by Submit Date". Below the buttons is a small thumbnail image labeled "Imagery 2...". The Windows taskbar is visible at the bottom of the screen.

GeoAsset 3 – Complaints Tool

Search Map...

Map showing a highlighted area with streets labeled: PRICE RD, SPARROW VALLEY RD, GRANVILLE RD, W CHURCH ST, W MAIN ST, N 21 ST, N 30 ST, S 21 ST, E MAIN ST. Highways shown include 65, 13, 79, 16, and 13.

COMPLAINTS

Search by Submit Date

Cancel Save Clear

Click on map to set/change the location.

Customer Name

Customer Phone

Type

Customer Complaint

Action

Comments

Entered By

Submitted

Cancel Save Clear

GeoAsset 3 – Complaints Tool

City of Newark x
water-gbagis-01/geoAsset3/

Search Map...

COMPLAINTS

Search by Submit Date

Cancel Save Clear

Click on map to set/change the location.

Customer Name
John Doe

Customer Phone
555-555-5555

Type
Rotten Egg Smell

Customer Complaint

Action
Sent crew to take sample 5/7/15

Comments
Customer called about smell that started last night.

Entered By
Lindsey

Submitted
05/07/2015

Cancel Save Clear

Complaints Layer

City of Newark | water-gbagis-01/geoAsset3/

Search Map...

LAYERS

- Utilities
- Water Complaints
 - Type
 - Air in Line
 - Brown Water
 - Chlorine - High
 - Chlorine - Low
 - High Pressure
 - Low Pressure
 - Object in Water
 - Odor - Other
 - Red Water
 - Rotten Egg Smell
 - Stormwater Issue
- Service Order History
- Engineering
- Contours
- Miscellaneous Utility Info
- Schools
- Safety
- Transportation
- Parcels
- Flood Map
- Zoning
- Boundaries

Windows taskbar: File Explorer, Chrome, Outlook, Search, Task View, Edge, Word, Excel, PowerPoint, OneDrive, File History, Windows Defender, Windows Firewall, Windows Security, Windows Update, Windows Defender Security Center, Windows Defender Firewall, Windows Defender SmartScreen, Windows Defender App Guard, Windows Defender Credential Guard, Windows Defender Device Guard, Windows Defender Network Protection, Windows Defender SmartScreen, Windows Defender App Guard, Windows Defender Credential Guard, Windows Defender Device Guard, Windows Defender Network Protection.

GeoAsset 3 – Lucity Tool

The screenshot displays the Lucity GeoAsset 3 web application interface. At the top, the browser address bar shows the URL "water-gbagis-01/geoAsset3/". The main map area shows a yellow-shaded region representing a city or district, with various streets and roads labeled, including Price Rd, Staron Valley Rd, Granville Rd, W Church St, W Main St, N Main St, N 21 St, N 30 St, S 1 St, E Main St, and D. Price Rd. Highway shields for 657, 13, 79, and 16 are visible. A red circle highlights a specific tool icon in the top toolbar, which appears to be a crosshair or selection tool. On the left side, there is a search panel with the text "Search Map...", "Choose:", "Address / Intersection", "5 W Main St / Moul & 21 St", "Parcel by Auditor PIN", "5418667000000", and "Parcel by Owner Name", "Doe, Jane". The bottom of the screen shows a Windows taskbar with various application icons, including the Lucity logo.

GeoAsset 3 – Lucity Tool

The screenshot displays the Lucity GeoAsset 3 web application interface. The main area is an aerial map of a residential neighborhood with several utility lines overlaid: a red line labeled '3095SL', a blue line labeled '3095SL', and another blue line labeled '3095SL'. A yellow star icon is placed on the red line. The map includes a search bar at the top left, a home button, and zoom controls. A toolbar at the top center contains various drawing and editing tools. The right sidebar, titled 'LUCITY', has a dropdown menu with the following options: Sewer (checked), All, Manhole, Pump Station, Pipe, Storm, Streets, and Water. The bottom of the screen shows a Windows taskbar with various application icons.

GeoAsset 3 – Lucity Tool

The screenshot displays the Lucity GeoAsset 3 web application interface. The browser address bar shows the URL `water-gbagis-01/geoAsset3/`. The main map area features an aerial view of a residential neighborhood with several houses and a road. Overlaid on the map are two parallel lines: a red line and a blue line. The red line is labeled with `3.69'SL` at its top and bottom ends. The blue line is labeled with `3.69'NS` at its top and bottom ends. A yellow star icon is positioned between the two lines, with the label `H24` next to it. A green text prompt at the bottom center of the map reads "Draw a selection on the map". The interface includes a search bar at the top left, a toolbar with various drawing and editing tools at the top center, and a navigation toolbar at the bottom center. The Windows taskbar is visible at the very bottom of the screen.

GeoAsset 3 – Lucity Tool

The screenshot displays the Lucity web application interface. At the top, a browser window shows the URL "water-gbagis-01/geoAsset3/". The main area is an aerial satellite map of a residential neighborhood. A red polygon is drawn over a portion of the map, enclosing a street and several houses. The street is labeled "S 39th St" in multiple locations. Other street names visible include "S 40th St" and "S 38th St". A red pin is placed on the street within the polygon, labeled "H74". The map includes various overlays such as property lines and lot numbers (e.g., 182, 184, 180, 187, 189, 191, 193, 195, 203). A toolbar at the top of the map area contains icons for home, search, zoom in, zoom out, and other navigation tools. On the right side, a panel titled "LUCITY RESULTS" is visible, with the text "Searching..." below it. The bottom of the screen shows a Windows taskbar with various application icons.

GeoAsset 3 – Lucity Tool

The screenshot displays a web browser window with the address bar showing "City of Newark" and "water-gbagis-01/geoAsset3/". The main content is an aerial map with a red bounding box highlighting a specific area. A dialog box titled "Authentication Required" is overlaid on the map, containing the following text and fields:

Authentication Required

The server http://water-gbagis-01:80 requires a username and password.

User Name:

Password:

The map interface includes a search bar at the top left, a home button, and a zoom control. The right side of the browser shows a "LUCITY RESULTS" panel with the text "Searching...". The Windows taskbar is visible at the bottom of the screen.

GeoAsset 3 – Lucity Tool

The screenshot displays the GeoAsset 3 web application interface. The main area shows an aerial satellite view of a residential street. A red rectangular selection box highlights a specific manhole labeled 'H74' on a cyan line representing a pipe. The pipe is labeled '53653L' at both ends. Other labels on the map include '169', '167', '161', '162', '160', '164', and '160'. The interface includes a search bar at the top left, a toolbar with various navigation and tool icons, and a sidebar on the right titled 'LUCITY RESULTS'. The sidebar contains a '< Back' button and a list of results: 'Manhole (1)', 'Pipe (2)', and 'Pump Station (0)'. A small thumbnail image labeled 'Imagery 2...' is also visible in the sidebar. The browser address bar shows 'water-gbagis-01/geoAsset3/'. The Windows taskbar is visible at the bottom of the screen.

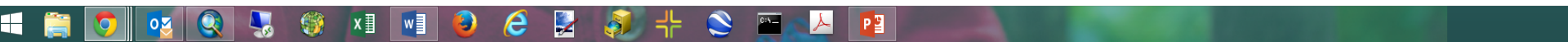
GeoAsset 3 – Lucity Tool

Manhole Assets

Sewer Structures

10

MH	Gen Location	Address	Street Direction	Street Name	Street Type	Street Suffix	Structure Type Text	Rim Elevation	Structure Depth (ft)	WO Comment
H74	IN BLACKTOP	192		HUDSON	AVE		At Grade	0.00	11.40	36" VCP LINE



Service Order History Layer

The screenshot displays a web-based GIS application interface. At the top, a browser window shows the URL 'water-gbagis-01/geoAsset3/'. The main map area shows an aerial view of a residential neighborhood with several houses and streets. A toolbar at the top of the map includes various navigation and editing tools. On the right side, a 'LAYERS' panel is visible, listing several data layers. The 'Service Order History' layer is currently selected and checked. Other layers include Utilities, Water Complaints, Engineering, Contours, Miscellaneous Utility Info, Schools, Safety, Transportation, Parcels, Flood Map, Zoning, and Boundaries. The bottom of the screen shows a Windows taskbar with various application icons.

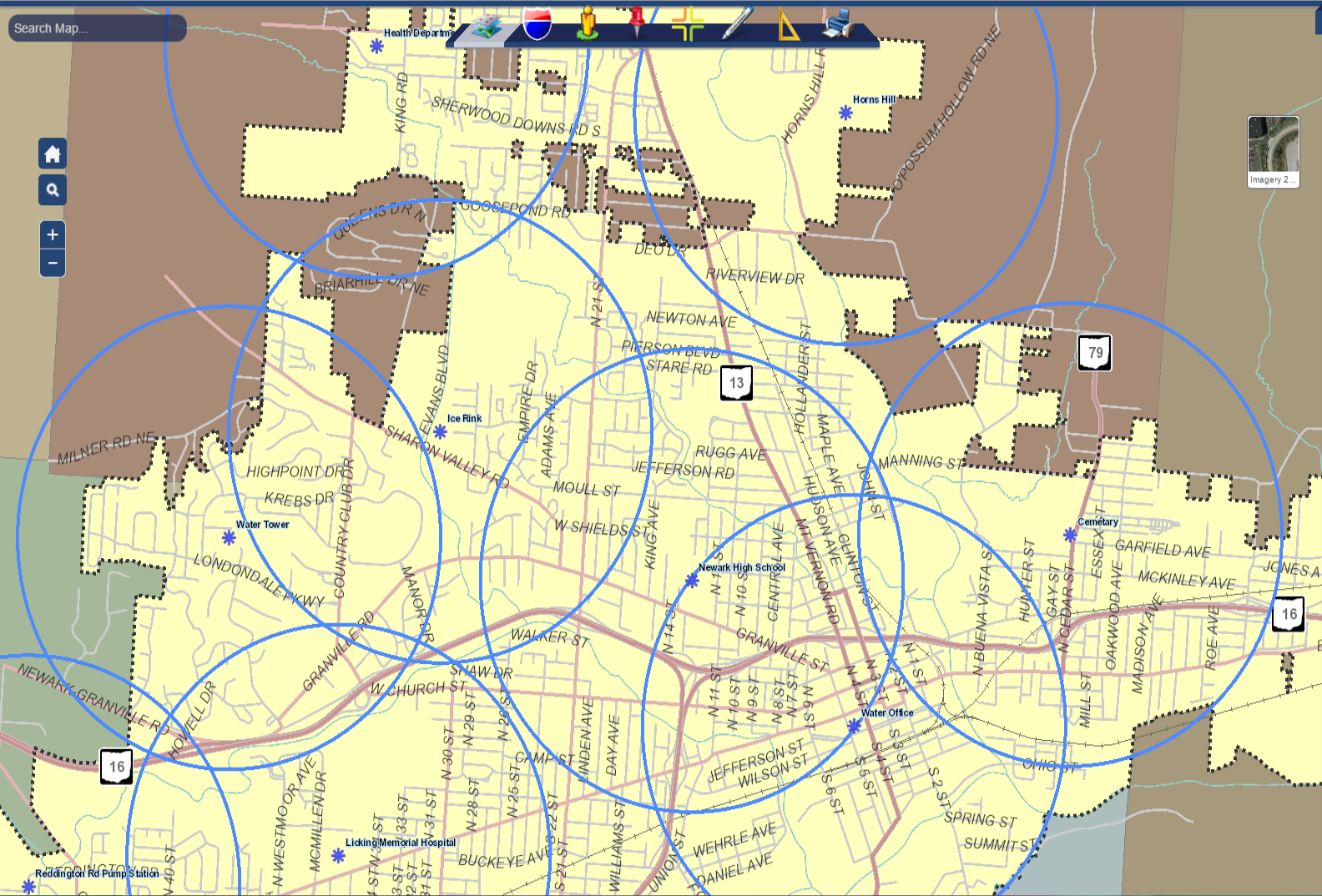
City of Newark
water-gbagis-01/geoAsset3/

Search Map...

Layers:

- Utilities
- Water Complaints
- Service Order History
- Engineering
- Contours
- Miscellaneous Utility Info
- Schools
- Safety
- Transportation
- Parcels
- Flood Map
- Zoning
- Boundaries

DCU Layers



LAYERS

- Utilities
- Water Complaints
- Service Order History
- Engineering
- Contours
- Miscellaneous Utility Info
 - Curb Stop
 - DCU Locations
 - DCU 1-Mile Buffer
 - CSO Location
 - CSO Pipes
 - Impervious Area
 - Hydrant Flushing Zones
- Schools
- Safety
- Transportation
- Parcels
- Flood Map
- Zoning
- Boundaries

Stormwater Impervious Area

City of Newark
water-gbagis-01/geoAsset3/

Search Map...

Layers Panel:

- Utilities
- Water Complaints
- Service Order History
- Engineering
- Contours
- Miscellaneous Utility Info
 - Curb Stop
 - DCU Locations
 - DCU 1-Mile Buffer
 - CSO Location
 - CSO Pipes
 - Impervious Area
 - Hydrant Flushing Zones
- Schools
- Safety
- Transportation
- Parcels
- Flood Map
- Zoning
- Boundaries

Map Labels: 38 ERUs, 68 ERUs, 10 ERUs, 15 ERUs, 16 ERUs, 12 ERUs, 9 ERUs, 14 ERUs, 11 ERUs, 30 ERUs, 253 ERUs, 31 ERUs, 23 ERUs, 9 ERUs, 11 ERUs, 14 ERUs, 31 ERUs, 32 ERUs, 5 ERUs, 11 ERUs, 13 ERUs, 10 ERUs, 15 ERUs, 16 ERUs, 203 ERUs, 5 ERUs, 5 ERUs, 11 ERUs, 13 ERUs, 10 ERUs.

Hydrant Flushing Zones

City of Newark x
water-gbagis-01/geoAsset3/

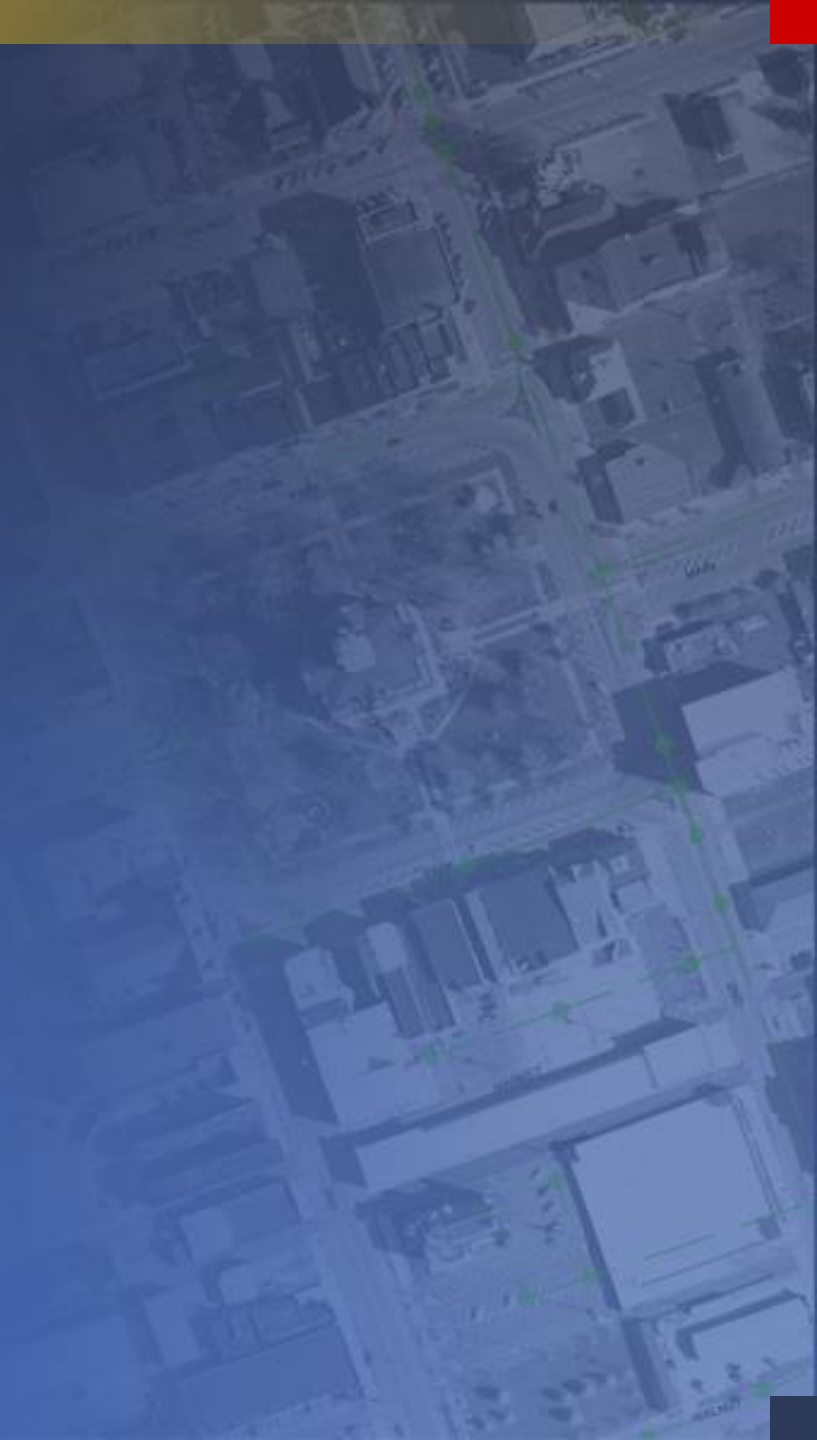
Search Map...

Layers:

- Utilities
 - Storm Structure
 - Storm Conduit
 - Sewer Manhole
 - Sewer Pump Station
 - Sewer Pipe
 - Water Hydrant
 - Water Valve
 - Water Node
 - Water Pipe
- Water Complaints
- Service Order History
- Engineering
- Contours
- Miscellaneous Utility Info
 - Curb Stop
 - DCU Locations
 - DCU 1-Mile Buffer
 - CSO Location
 - CSO Pipes
 - Impervious Area
 - Hydrant Flushing Zones
- Schools
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- Transportation
- Parcels
- Flood Map
- Zoning
- Boundaries



Lucity Roundtable Discussions





Lucity Roundtable Discussions

- Started in January 2015
- 16 People from 6 Departments
 - Water, Streets, Traffic, Service, Health, Engineering

LUCITY ROUNDTABLE DISCUSSION GROUP
CITY OF NEWARK
January 28, 2015
9:00 am

1. YouTube Video
2. Introductions
3. Discuss agenda items for future meetings
4. Future training
5. Any Windows XP or Vista out there?

6. GeoAsset

Internal web address: water-gbagis-01/geoasset3

Public web address: maps.newarkohio.net

7. Roundtable

8. Adjourn

Lucity Fun Fact:

A record can only be edited by one user at a time.
If someone else tries to edit the same record, they will receive a "locked"
message, and they will not be able to make changes to the record.



LUCITY ROUNDTABLE DISCUSSION GROUP
CITY OF NEWARK
February 25, 2015
9:00 am

1. Upgrade from 7.6sp1 to 2014r2. Any problems?
2. Module Toolbar
3. Filters
4. Attaching Documents
5. Reports
6. Subsets
7. Relationships
8. Roundtable/Discussion
9. Adjourn



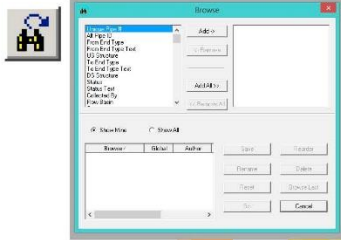
Lucity Fun Fact:

Lucity began as GBA Master Series (gbaMS) in 1986.
GBA = George Butler Associates.
gbaMS became Lucity in 2011.
The company is based out of Overland Park, KS (Kansas City)



LUCITY ROUNDTABLE DISCUSSION GROUP
CITY OF NEWARK
April 29, 2015
9:00 am

1. Browse tool



- The Browse tool is used for reporting on-demand.
- It allows you to quickly generate a report in table format.
- The top half of the screen is used to create/edit a browse.
- The bottom half of the screen is used to manage/run saved browses.

2. Upcoming Lucity User Group meeting – May 12 in KY
3. Preventative Maintenance (PM) Templates Demonstration
4. GeoAsset Reminder
Internal web address: water-gbaqis-01/geoasset3
Public web address: maps.newarkohio.net
5. Roundtable/Discussion
6. Adjourn

Lucity Fun Fact:

- The City of Newark is one of six governmental organizations in the State that use Lucity.
- The others are: City of Columbus, Northwestern Water & Sewer (Bowling Green), Allen County Sanitary Engineering Dept (Lima), City of Wilmington, and the City of Fairfield.
 - We are all part of the Central (Ohio River Valley) Lucity Regional User Group.
 - We meet annually at Sanitation District No.1's office in Ft. Wright, KY.



An aerial photograph of a city grid, showing streets and buildings, is visible in the background. The image is slightly faded and serves as a background for the slide. In the top left corner, there is a small inset image showing a close-up of a building's facade.

Issues Resolved during Discussion Meetings

- Adding assets to work orders
- Accessing data yourself
 - Browse vs Filter
- Preventative Maintenance (PMs)
 - Grouped PMs
 - Notification Setup
 - Editing PMs

An aerial photograph of a city grid, showing streets and buildings, is overlaid on a blue background. The top of the slide has a yellow and red header bar.

Questions Arising from Discussion Meetings

- **Should we be using Sewer & Storm Nodes?**
- **Who is responsible for data entry?**
 - One person in each department or one person for all departments?
- **When to completely delete old data?**
 - Delete pipes removed from ground and keep pipes abandoned-in-place?
 - Will deleting work tasks remove them from previous work orders?
 - Delete retired employees or leave them in system forever?



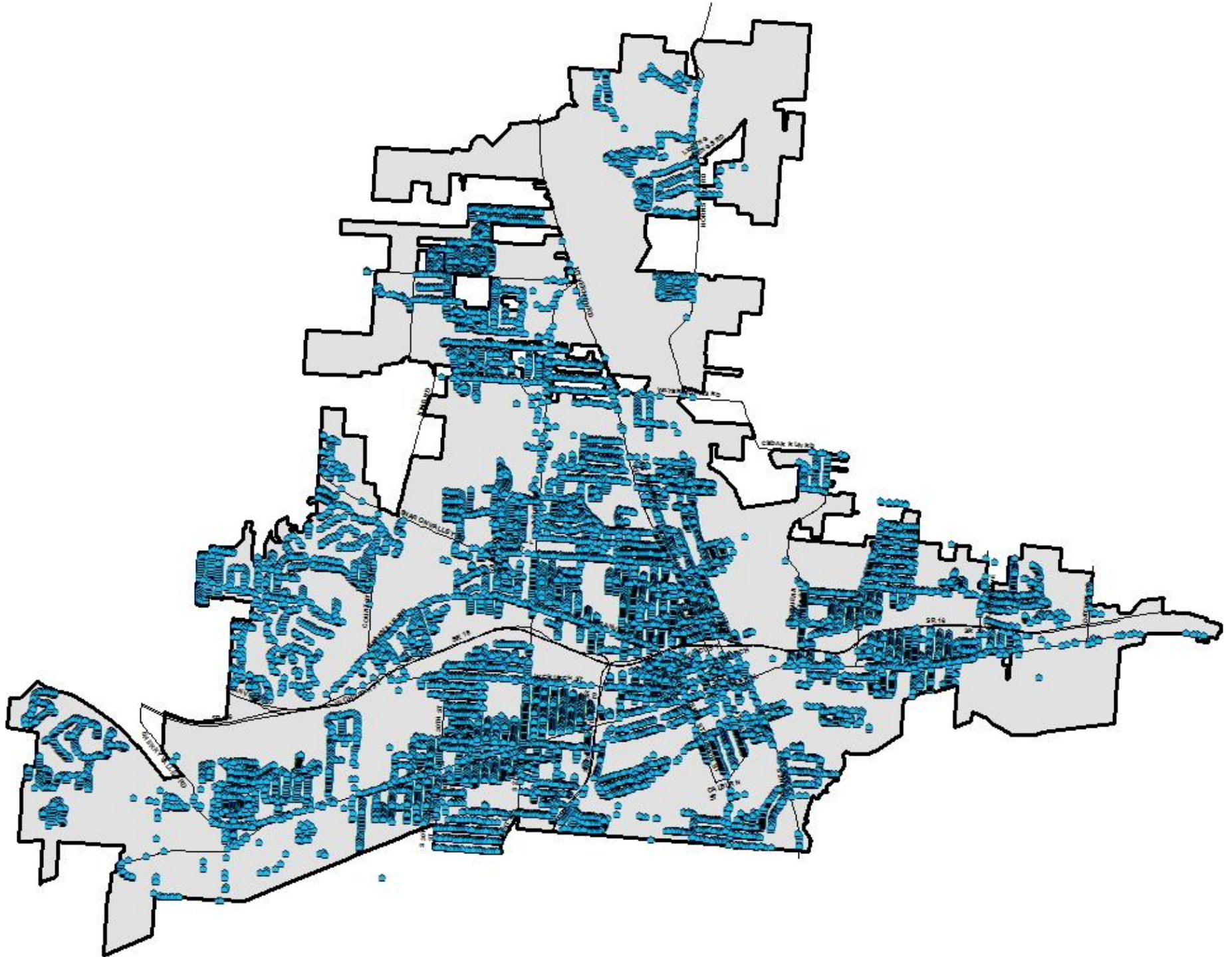
ArcGIS Online





GPSing Curb Stops

- Began in 2011
- Now have 16,200 curb stops GPSd
- About 3,000 more to go
- Two iPads using ESRI app
- Map created in ArcGIS Online
- Need to link GPS data with Service Taps that are already in Lucity





Downtown Revitalization Project

Sewer Separation



Combined Sewer System Separation

- **100+ Year-Old Sewers in Poor Condition**
 - Routine Maintenance
 - Collapses
 - Safety Concerns
- **Required to meet EPA CSO Policy**
- **Water Distribution System in Need of Upgrade**



The People Involved

- OHM – Streetscape Planning & Design
- ARCADIS – Underground Utility Planning & Design
- George Igel & Co - General Contractor
- Complete General - Electrical Contractor
- Newark Development Partners
- The City of Newark
 - ❖ Facebook Page: City of Newark Ohio Construction Updates
- The Co-Lab – Media Consultant
 - ❖ wedignewark.com



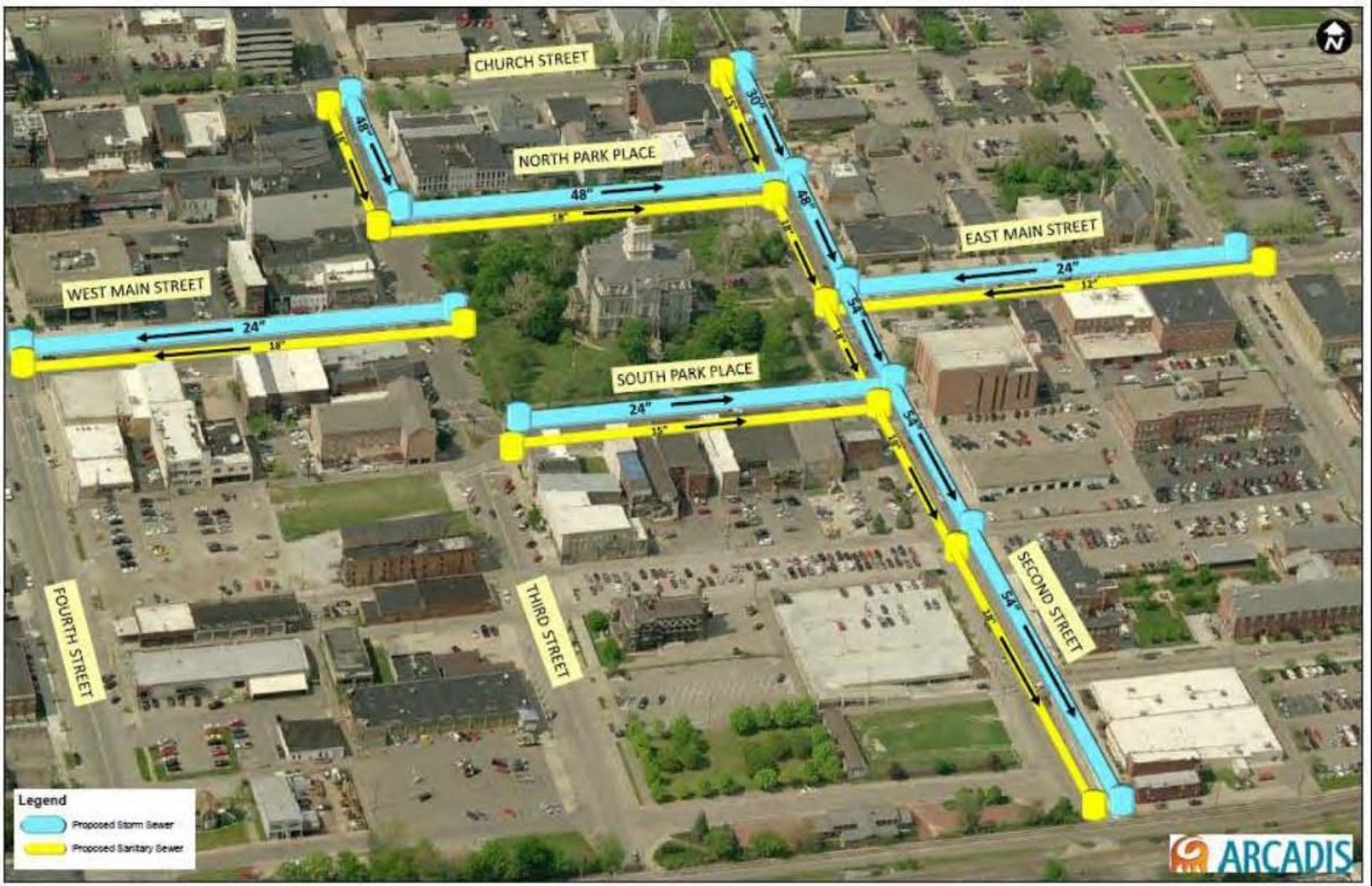
Sewer Separation Project Complexity

- **Deep sewers (Approx. 20 feet deep)**
- **Addition of storm sewer system**
- **Interferences with multiple other utilities**
- **Need to maintain continuous service for all utilities**
- **Need to maintain vehicular and pedestrian traffic**

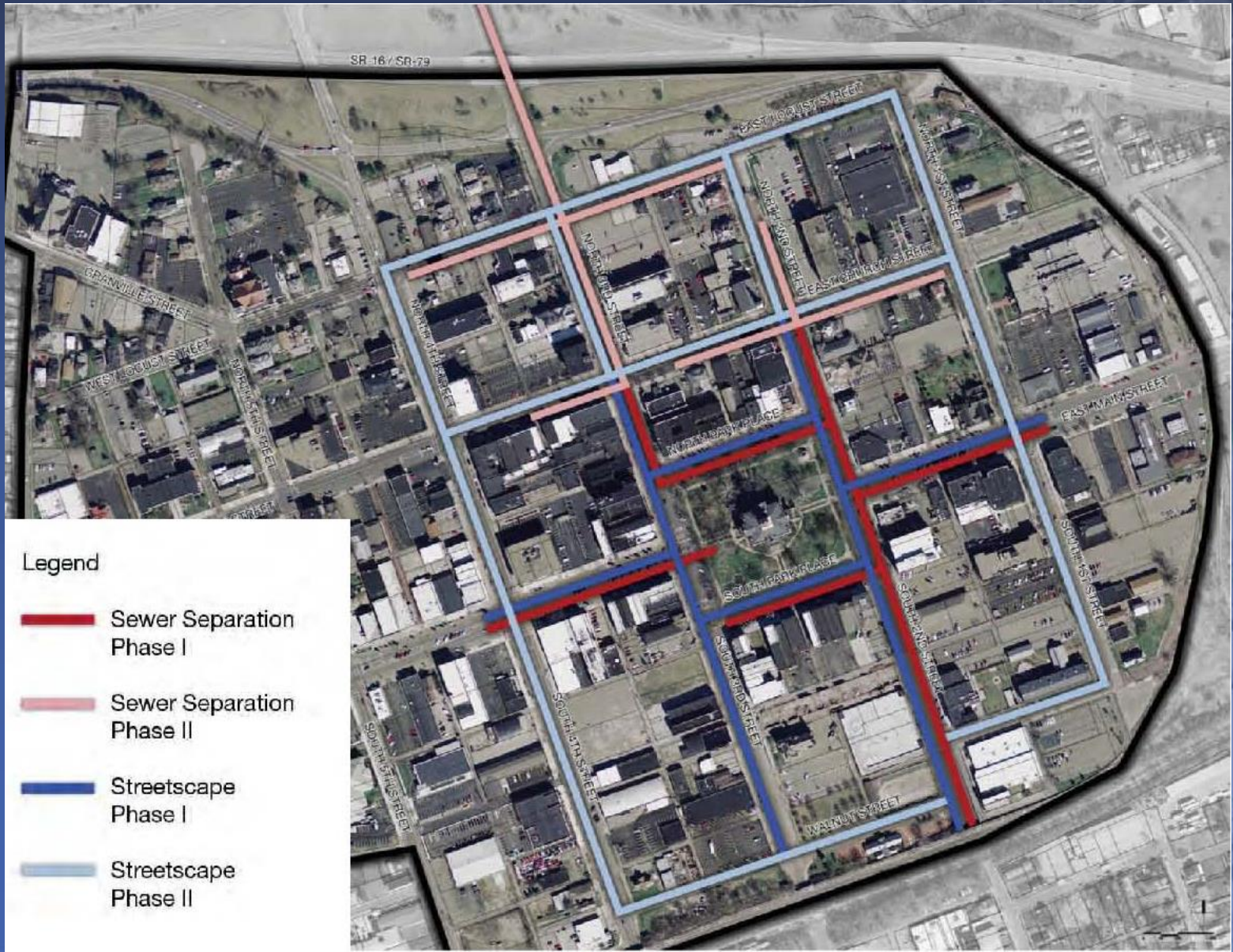
Existing Pipe Condition



Sewer Replacement Overview



Phasing Diagram





Timeline of Phase 1

- **Planning – completed April 2014**
- **Engineering – completed August 2014**
- **Construction began March 9**
 - Segment 1 expected to be completed end of July
- **Estimate Completion Date – Summer 2017**



Downtown Revitalization Project

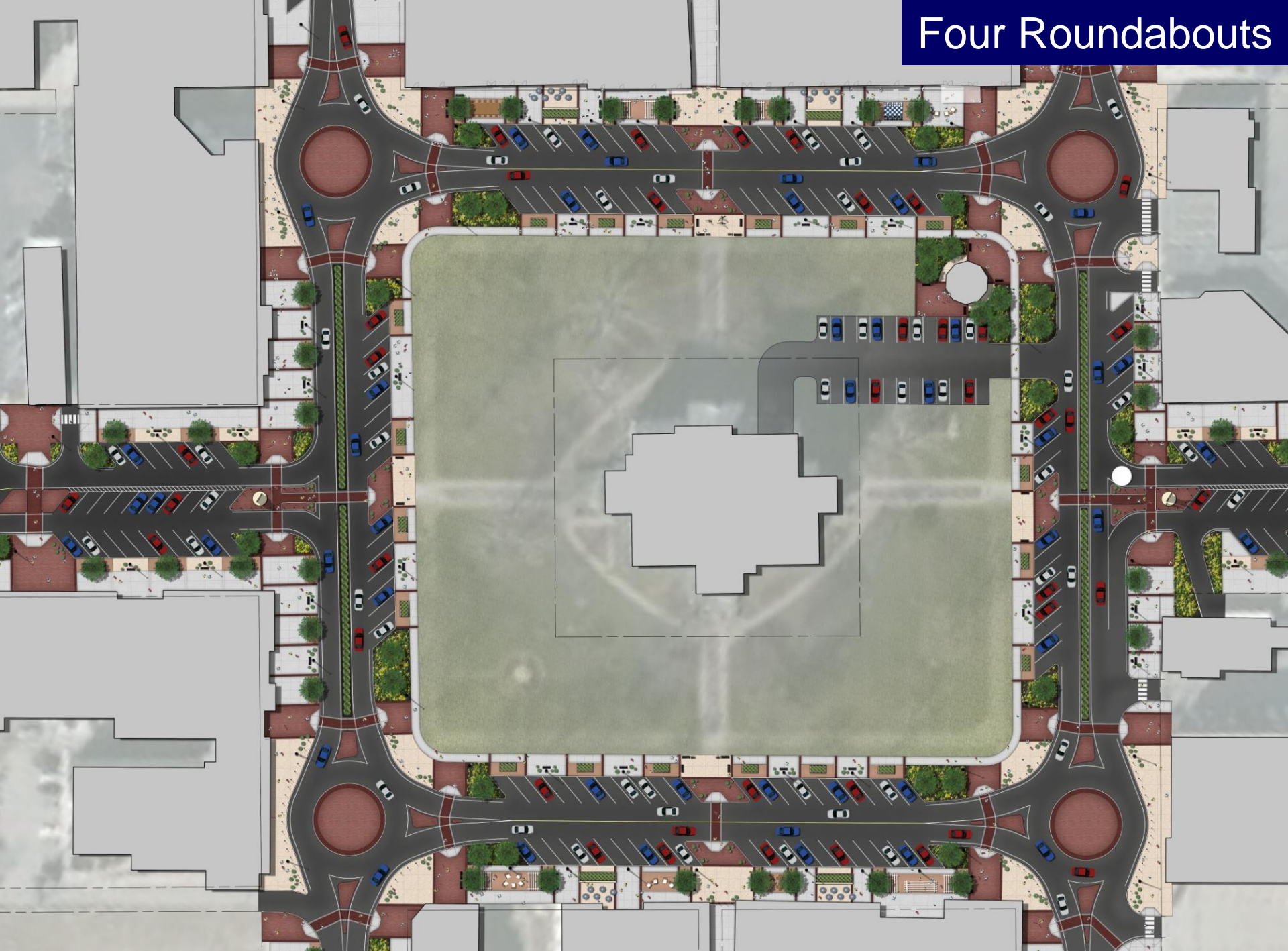
Transportation



Current Signals



Four Roundabouts



An aerial photograph of a city street grid, showing a dense network of streets and buildings. The image is overlaid with a semi-transparent blue filter. The title 'Traffic Goals' is written in a bold, yellow, sans-serif font in the upper left corner.

Traffic Goals

- **Provide Two-Way Traffic**
- **Increase Accessibility**
- **Improve Pedestrian Safety**
- **Reduce Vehicular Speeds**
- **Retain On-Street Parking**
- **Maintain Vehicular Efficiency**

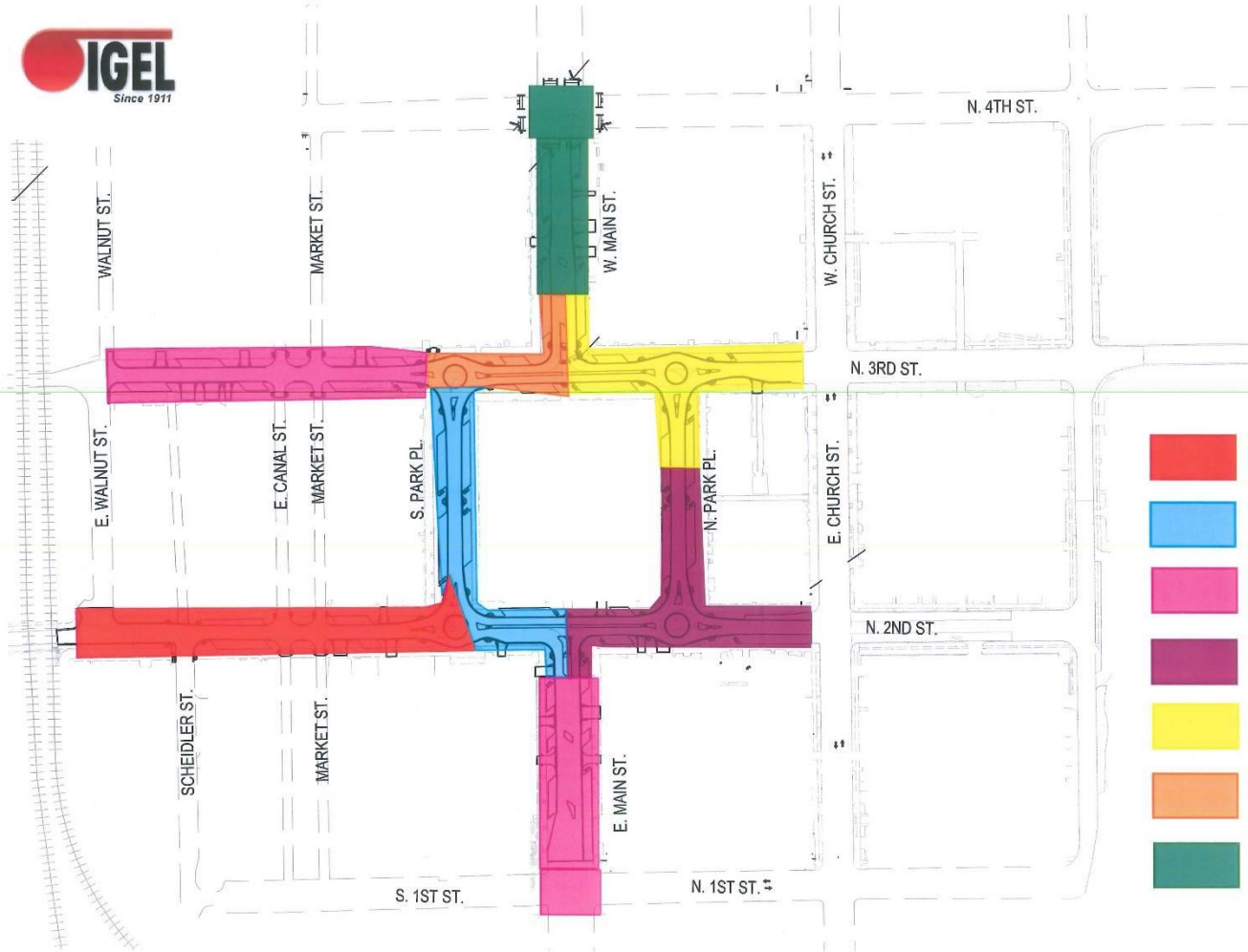


Public Input Summary

- **5 Stakeholder Meetings**
 - 30+ participants
- **2 Public Meetings**
 - 80 participants
- **250+ Comments Received**



Detour Section Plan



-  Detour Phase 1
-  Detour Phase 2
-  Detour Phase 3
-  Detour Phase 4
-  Detour Phase 5
-  Detour Phase 6
-  Detour Phase 7



Downtown Revitalization Project

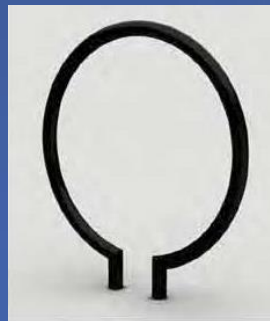
Streetscape



Streetscape Details



BIO-SWALE PLANTER FENCE



Square Rendering





Downtown Revitalization Project

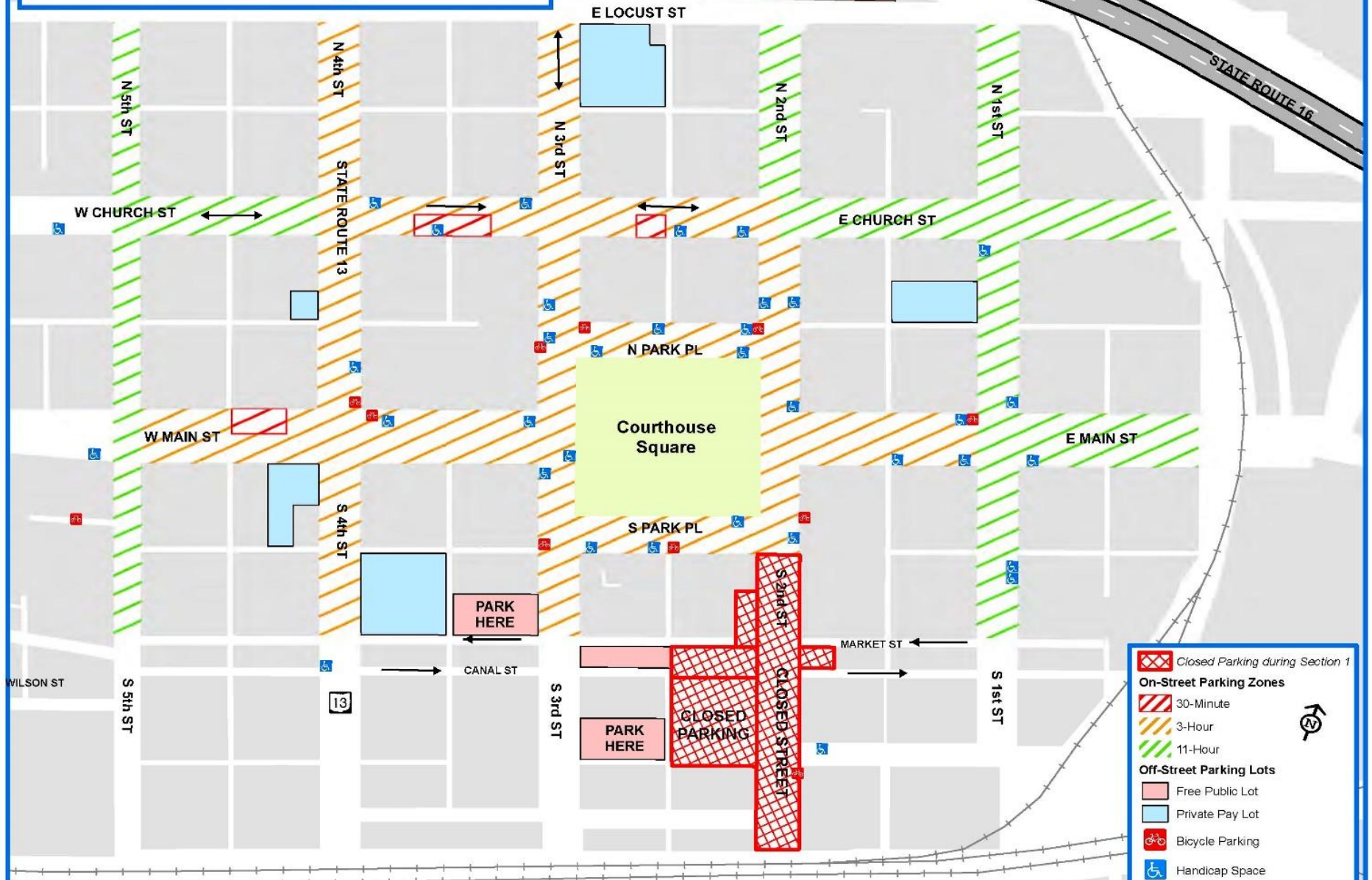
What's Happening Right Now



**City of Newark
Downtown Renovation Project
Parking Map**



SECTION 1
MAR 9 - JULY 15
(estimated duration)



Closed Parking during Section 1

On-Street Parking Zones

- 30-Minute
- 3-Hour
- 11-Hour

Off-Street Parking Lots

- Free Public Lot
- Private Pay Lot
- Bicycle Parking
- Handicap Space

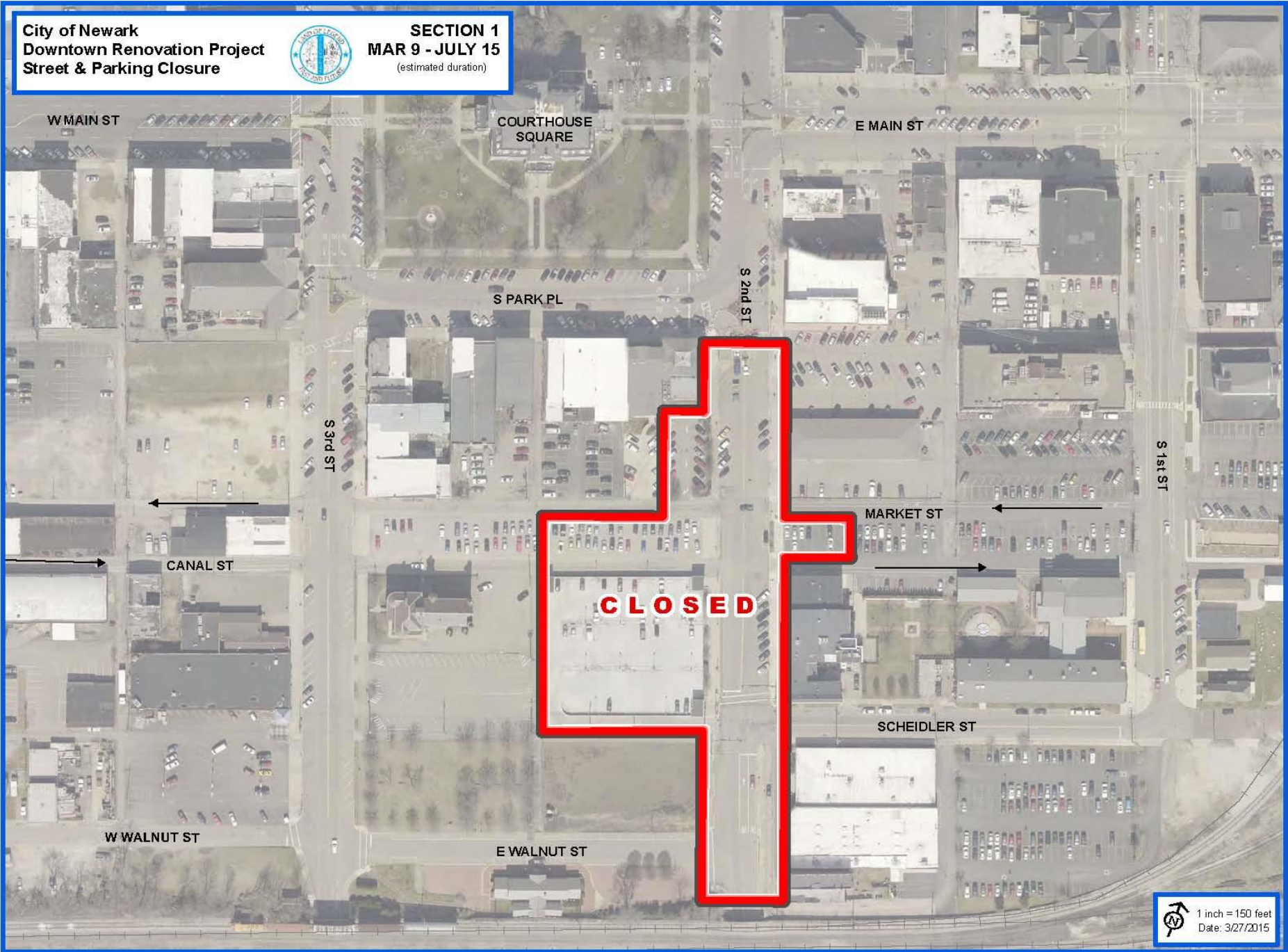
1 inch = 300 feet Date: 3/27/2015



City of Newark
Downtown Renovation Project
Street & Parking Closure



SECTION 1
MAR 9 - JULY 15
(estimated duration)



Pumps



View from a Drone





Questions and contact information

- **Lindsey Brighton, GIS Coordinator**
 - **lbrighton@newarkohio.net**