

Capturing 360 degree street level imagery



Johnson County, KS
MAGIC 2022



Introduction

Shannon Porter
AIMS Manager

Kevin Skridulis
GIS Project Analyst

Johnson County Kansas



Johnson County Kansas


- Is about 500 square miles
 - 301/176 Sq miles (Incorp/Unincorp)
- Population over 631,000
- Still a mix of Urban/Rural

Outline of Presentation

- Background
- RFP
- Preparation for Project
- Demo of Street View GeoCycloramas
- JPG Cut Outs
- Lessons Learned/First Impressions








History

Image(s) [View Obliques](#)



046-097-35-0-10-13-001.00-0 05/21/2016
05/21/2016

Historical & Detail Image(s)

 <p>046-097-35-0-10-13-001.00-0 03/21/2011 03/23/2011</p>	 <p>046-097-35-0-10-13-001.00-0 03/21/2011 03/21/2011</p>	 <p>046-097-35-0-10-13-001.00-0 03/21/2011 03/21/2011</p>
 <p>DP36980000 0001 12/07/2003 12/07/2003</p>	 <p>02/08/1999 02/08/1999</p>	 <p>04/17/1998 04/17/1998</p>
 <p>DP36980000 0001 12/03/1993 12/03/1993</p>	 <p>DP36980000 0001 12/03/1993 12/03/1993</p>	

Why Street Level Imagery?

046-097-35-0-10-13-001.0-0 Commercial Real Property

Forms Apply Save Exit

Summary General Ownership Exemptions Assessments Appraisal Final Value Transfers Appeals Events Permits Comp Sales Documents MLS History

R23308
DP36980000 0001

Legal: JOHNSON COUNTY SQUARE LT 1 OLC 1223 BTA 796 87

Owner: JOHNSON COUNTY (04709)
Situs: 000111 S CHERRY ST, OLATHE, KS


Tax Year: 2022
As of: 02/03/2022

Assessed Building Value: \$22,263,950
Total Assessed Value: \$22,965,820
Assessed Land Value: \$0
Assessed Building Value: \$0
Assessed Total Value: \$0

Recent Sales

Seller: PUBLIC BUILDING COMMISSION OF JOHNSON COUNTY (ADMIN BLDG)
Date: 11/27/2014
Sale Ref: N/A
Validity: N/A
Price: N/A

Images: Image 1 of 9



046-097-35-0-10-13-001.00-0 05/21/2016

Land Detail

Appraisal Card

JOCOPROD Expanded Appraisal Card
Quick Ref: R23308
Tax Year: 2022

OWNER NAME AND MAILING ADDRESS
JOHNSON COUNTY
111 S CHERRY ST
OLATHE, KS 66061

PROPERTY RETURN ADDRESS
000111 S CHERRY ST
OLATHE, KS

LAND BASED CLASSIFICATION SYSTEM
Function: 6210 Government off Bldg: M
Activity: 2300 Office activities
Ownership: 4100 County
Site: 6200 Developed site - with building

GENERAL PROPERTY INFORMATION
Prop Class: 8 - E-Parcel
Property Type: C-Commercial Real Property
Living Units:
Zoning: C-2
Multi-Serving: N
Neighborhood: 432.F 432.F
Economic Adv. Factor:
Map / Routing: 435 / 003
School District: 233 UNIFIED
RS Tax ID: DP36980000 0001
Investment Class:
Tax Unit Group: 0009-0008

PROPERTY FACTORS
Topography: 1 - Level
Utilities: 1 - All Public
Access: 1 - Paved Road
Fronting: 2 - Secondary Artery
Location: 1 - Centre Business District
Parking Type: 1 - Off Street
Parking Quantity: 2 - Adequate
Parking Provision: 3 - On Site
Parking Covered:
Parking Uncovered:

INSPECTION HISTORY
Date Time Code Reason Appraiser
12/09/2020 10:50 AM FR P 145
12/02/2019 10:50 AM I P 145
12/05/2018 8:30 AM I P 145

SALES INFORMATION
Date Type Sale Amount Bro Validity Inst Type

BUILDING PERMITS
Number Amount Type
20-01338C 7,000 IR - Interior Remodel
19-0258C 9,464 IR - Interior Remodel
18-0428C 210,000 IR - Interior Remodel

RECENT APPEAL HISTORY
Tax Hearing Case
Year Date Appeal Level Number Status

2022 APPRAISED VALUE
C/Land Bldg Total C/Land Bldg Total C/Land Bldg Total
E 701,870 22,263,950 22,965,820 E

Total 701,870 22,263,950 22,965,820 Total

General Information [Collapse All]


Property ID: DP36980000 0001
Alias: JOHNSON COUNTY ADMINISTRATION BUILDING
Site Address: 111 S CHERRY ST
OLATHE, KS 66061
Legal Description: JOHNSON COUNTY SQUARE LT 1 OLC 1223 BTA 796 87
Block/Lot: 0000 /0001
Subdivision: TOWN OF OLATHE
Plat: JOHNSON COUNTY SQUARE
Plat Book/Page: 0077/0019
Plat Recorded: 09/19/1990
KS Uniform Parcel Num.: 0460973501013001000
Quick Ref: R23308

Owner Information

Owner 1: JOHNSON COUNTY
111 S CHERRY ST
OLATHE, KS 66061


Property & Location Information

Zoning: C-2 (General Business District)
Property Type: Platted Property Polygon
Taxing Unit: 0008
General Landuse: Government Public
Year Built: 1991
Property Area: 2.69 acres
Addresses: 35
Township-Range-Section: 13-23-35
City/Township: Olathe
Owner Section: NE




Layers: Parcels | Landuse | Zoning | Flood Zone | Imagery | None

Front Elevation Photos




046-097-35-0-10-13-001.00-0 05/21/2016

Comparable Sales Report
Tax Year: 2022




046-057-26-0-40-06-009.00-0 03/03/2016

Subject




046-067-26-0-40-34-028.00-0 03/03/2016

Comp1



046-057-26-0-40-34-028.00-0 03/03/2016

Comp2



046-067-26-0-40-34-028.00-0 03/03/2016

Comp3

Previous Image Collection



2022 Project

- Knew this would be different than our past projects.
- Tyler Technologies, our past vendor, had stopped doing such projects, sold their vans, and partnered with Cyclomedia

2022 Image Collection



RFP

- Issued RFP in *May 2021*
- Knew this project could be more than just JPG images.
- Had RFP selection committee include representatives from Waster Water, Public Works and one of the local Cities.

RFP

- Received three responses
- Had two firms in for interviews
 - Tyler Technologies\Cyclomedia
 - iLOOKABOUT (dba Apex)
 - Centillion Solutions (not interviewed)
- Awarded to Cyclomedia/Tyler Technologies

Project Prep

Miles from our existing Street Centerline file

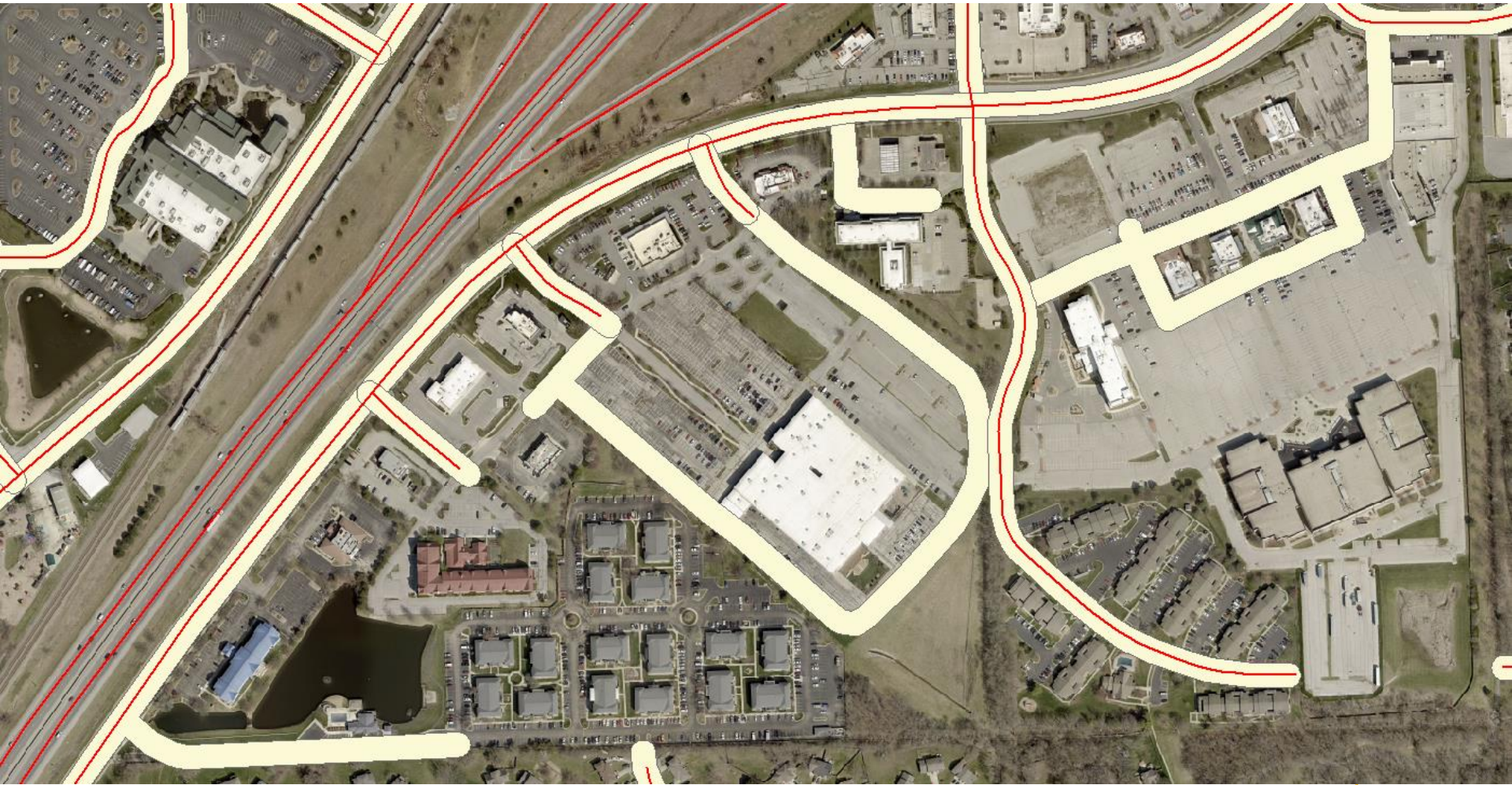
ST_CLASS	Road Type	Miles
1	Local	2,168
2	Collector	462
3	Thoroughfare	875
4	Highway	310
		3,815

Without Highways we came up with 3,500 miles to drive.

Project Prep Roads



Project Prep Commercial Areas



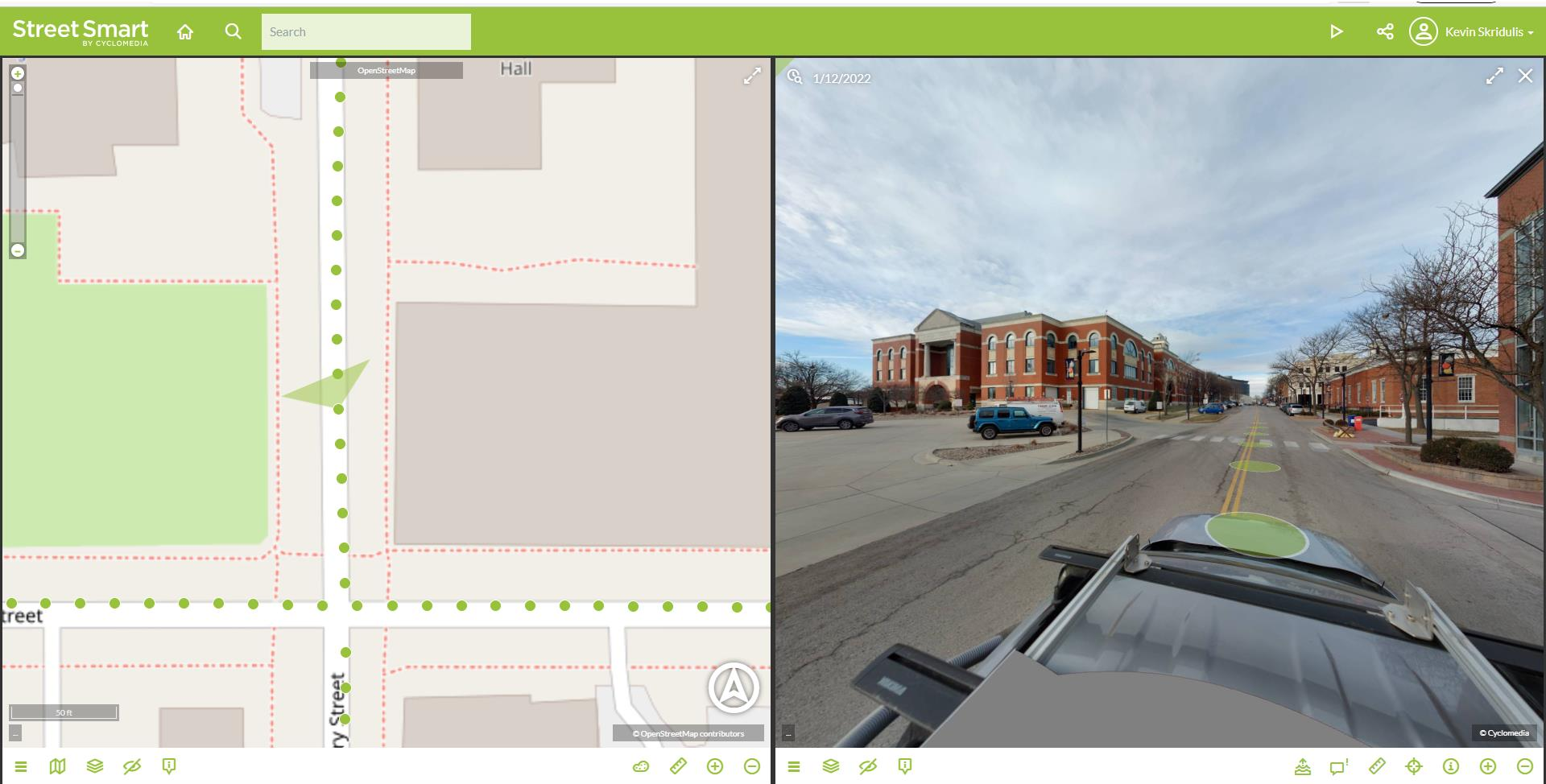
Project Prep JPG Creation

- In Orion have an automated routine that would select a JPG from the GeoCycloramas.
- Extract our own stills from the Street View software.
- Have Cyclomedia extract the cut outs.

Project Prep Informing the Public

- Worked with our Public Information Office
- Press Releases, Social Media, and organizing media access.
 - Channel 41
- Informed Law Enforcement.
- Posting weeks shooting locations on Appraiser web site.

Demo




JPG Cut Outs

Parcel Reviewer | Dashboard | Query | Review | Search Parcel | Johnson County KS | User: KSkridullis | Log Out


CD: 1 | Parcel ID: R10368 | Delivery ID: 309 | Recording ID: WE42C4SM

Primary Image
Corrected Street
Corrected Number
Unverified Address
Vacant
Not Accessible
People
Emergency Vehicle
Best View
Image Notes:
SAVE



01/05/2022

START | Parcel 1 of 2724 | Next | APPROVE | HOLD | REJECT



CAMA Address: NO ADDRESS ON RECORD
Verified Address:
Reviewer ID:
Review Date:

Lessons Learned First Impressions

- Best time to capture imagery.
- New Road Centerline file for this project.
- GeoCycloramas - too early to tell.
- Internal shoots in between six-year County shoots?
- JPG Quality - Just received and evaluating
- Field collection was much faster than past projects.

Questions or comments?

Kevin Skridulis
GIS Project Analyst
913-715-0171
Kevin.Skridulis@jocogov.org

Shannon Porter
AIMS Manager
913-715-2105
Shannon.Porter@jocogov.org

<https://aims.jocogov.org>