

Dashboard Palooza: Tips & Tricks for Building ArcGIS and Cityworks Dashboards

Day/Time: Monday at 3:15pm-4:00pm

Room: Robinson's Folly



Capital Improvement Projects Dashboard

Welcome to Novi's Capital Improvement Program; adopted by City Council May 9, 2022

All capital projects that are greater than \$25,000 will be included in this platform. Projects can be viewed in total or filtered by selecting one or more of the options listed below. If you have Questions or Comments about a project, follow the project's website link or submit your inquiry through the City's customer service portal. If you have any questions about the website itself please contact the City's Finance Department at 248-347-0465.

Fiscal Year

Show All | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028

Funding Source

Show All | CIP (400) | Drain (210) | General (101) | Gun Range (402) | Ice Arena (590) | Local Streets (203) | Major Streets (202) | Municipal Streets (208) | Parks (208) | Senior Housing (594) | Water & Sewer (392)

CIP Category

Show All | Buildings & Property | Machinery & Equipment | Parking Lots | Parks, Recreation & Cultural Services | Roads | Sanitary Sewer | Sidewalks & Pathways | Storm Sewer & Drainage | Technology

Total Cost

\$178,269,801

Number of Projects

177

Includes each multi-year and multi-fund project

- 082-30 11 Mile Road Rehabilitation (Beck Road to Taft Road) including Seg 37a Sidewalk (north side, Beck Road and East Mandalay Circle); net of design
- 091-11 Master Meter and Water Main (Future NV-06 Connection)
- 093-10 Streambank Stabilization - Middle Rouge River (along Rotary Park)
- 102-01 FY2022-23 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program
- 102-01 FY2023-24 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program
- 102-01 FY2024-25 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program
- 102-01 FY2025-26 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program
- 102-01 FY2026-27 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program
- 102-01 FY2027-28 Neighborhood Roads Rehabilitation, Repaving, and Reconstruction Program
- 102-04 Old Novi Road Rehabilitation (Novi Road to 13 Mile Road)
- 132-25 Beck Road Widening (8 Mile Road to 9 Mile Road); includes signal modernizations - cursing outside funding.
- 132-26 11 Mile Road Rehabilitation (Wixom Road to Beck Road) includes Segment 52a pathway connection to ITC Trail; net of design
- 132-27 11 Mile Road Rehabilitation (Taft Road to Clark Street); net of design

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CIP Category

CIP Category	Funding Source	Fiscal Year
Buildings	General	2022-2023
Equipment	General	2022-2023
Parking Lots	General	2022-2023
Parks	General	2022-2023
Roads	CIP	2022-2023
Sewer	Water & Sewer	2022-2023
Sidewalks	General	2022-2023
Storm Sewer	Water & Sewer	2022-2023
Technology	General	2022-2023
Water	Water & Sewer	2022-2023

<https://novi.maps.arcgis.com/apps/dashboards/ef873ab3e0ef42429d077414c8a83d7e>

Traffic Improvements Dashboard

Road & Intersection Project Filters

Funding Agency

Remove Filter

- City
- City (FAC Funding)
- City (HSIP Funding)
- GLWA
- Multi-Agency
- RCOC
- MDOT

Year Completed or Planned

Remove Filter

Project Status

Remove Filter

Under Consideration | Completed | Planned

Improvement Type

Remove Filter

- Capacity
- Intersection
- Road Surface

Road Improvements

- Crescent Blvd Extension (Grand River Avenue to Novi Road)
- Meadowbrook Road Rehabilitation (I-96 to 12 Mile Rd)
- 11 Mile Road Rehabilitation & Right Turn Lane Addition (Beck Rd to Taft Rd)
- 10 Mile Road Resurfacing (Napier Rd to Railroad Crossing)
- Haggerty Road Resurfacing (10 Mile Rd to 14 Mile Rd)
- Concrete Panel Replacements (12 Mile Rd at Meadowbrook Rd)
- Meadowbrook Road Reconstruction (12 Mile Rd to 13 Mile Rd)
- 10 Mile Road Improvements & Center Lane Addition (Meadowbrook Rd to Haggerty Rd)
- West Road Renovation West Park Drive to City

Intersection Improvements

- Add Right Turn Lane Meadowbrook Road (Southbound at 11 Mile Rd)
- Add Dual Left Turn Lane - East Bound Grand River at Beck Road
- Roundabout (Taft Road & 9 Mile Road)
- Roundabout (10 Mile Rd & Napier Rd)
- Traffic Signal Install (13 Mile Rd & Cabot Dr)
- Traffic Signal Modernization (14 Mile Rd & Haggerty Rd)
- Traffic Signal Modernization (Beck Rd & Pontiac Trail)
- Traffic Signal Modernization (Haggerty Rd & 13 Mile Rd)
- Novi Rd & Grand River Ave Concrete Panel

Map Legend

Minor Signal Improvements

Project Status

- Completed
- Planned

Intersection Improvement Projects

Project Status

- Completed
- Planned

Road Improvement Projects

Project Status

- Completed
- Planned

Type of Minor Intersection Improvement

Flashing beacon install 6.45%

Traffic signal backplates 93.55%

Number of Road Projects per Year

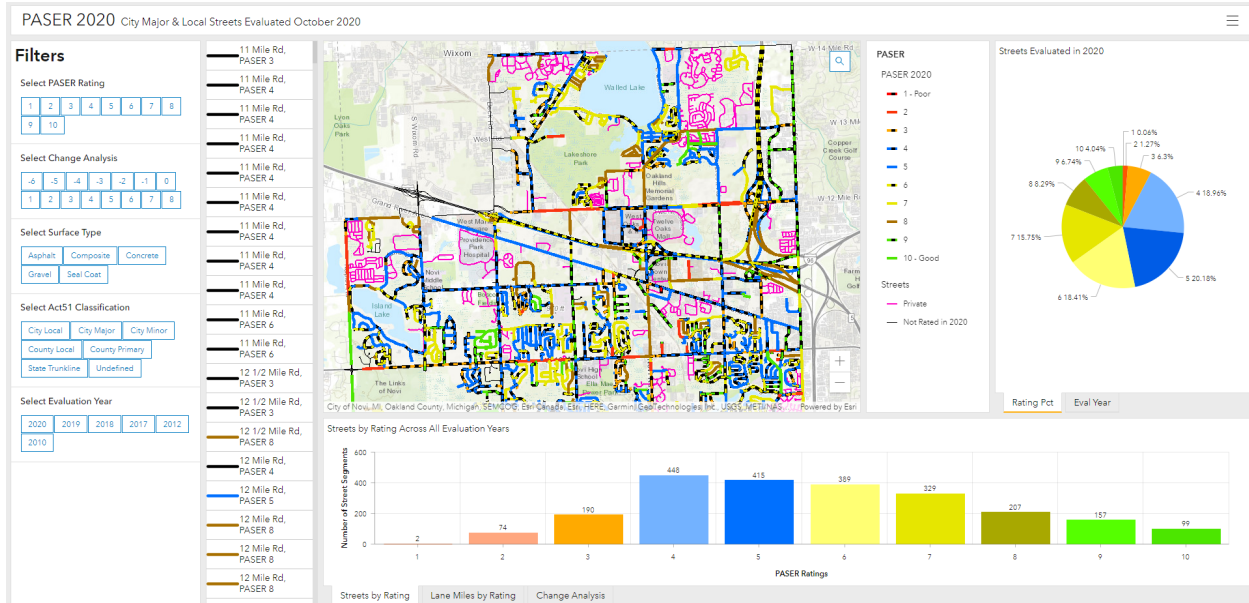
Year	Road Projects per Year	Road Costs per Year	Int Projects per Year	Int Costs per Year
2014	1	1000000	1	1000000
2015	1	1000000	1	1000000
2016	1	1000000	1	1000000
2017	1	1000000	1	1000000
2018	1	1000000	1	1000000
2019	1	1000000	1	1000000
2020	1	1000000	1	1000000
2021	1	1000000	1	1000000
2022	1	1000000	1	1000000
2023	1	1000000	1	1000000
2024	1	1000000	1	1000000
2025	1	1000000	1	1000000
2026+	1	1000000	1	1000000

City of Novi, MI, Oakland County, Michigan, SEMCOG, Esri, HERE, Garmin, USGS, EPA, NPS | Esri, HERE, NPS

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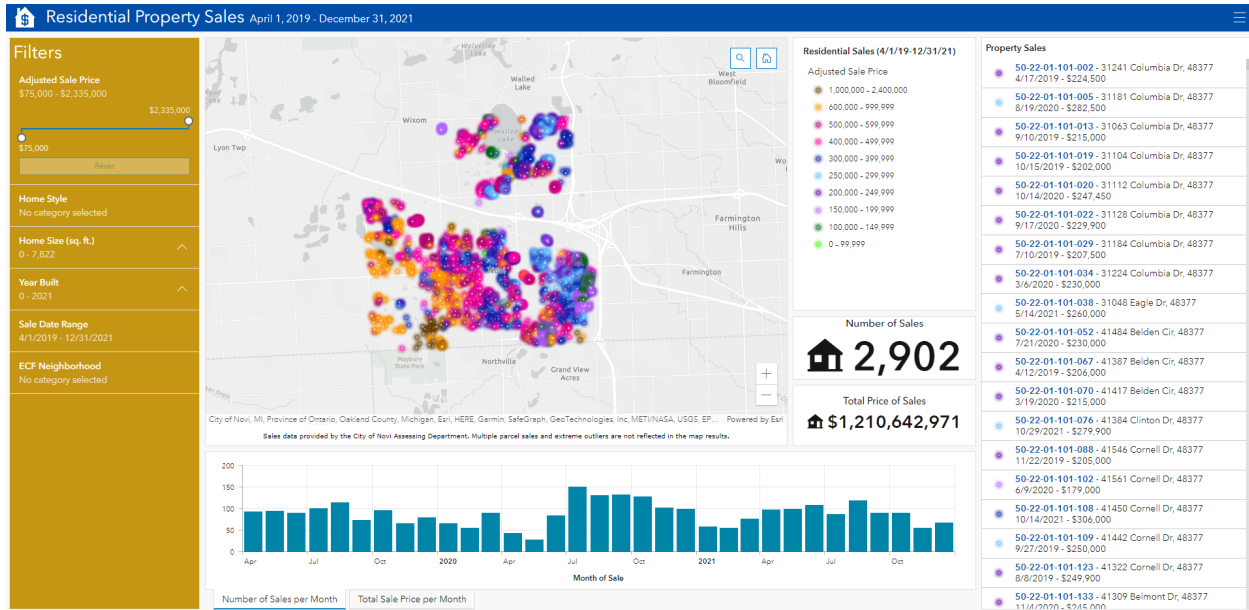
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PASER Analysis 2020 Dashboard



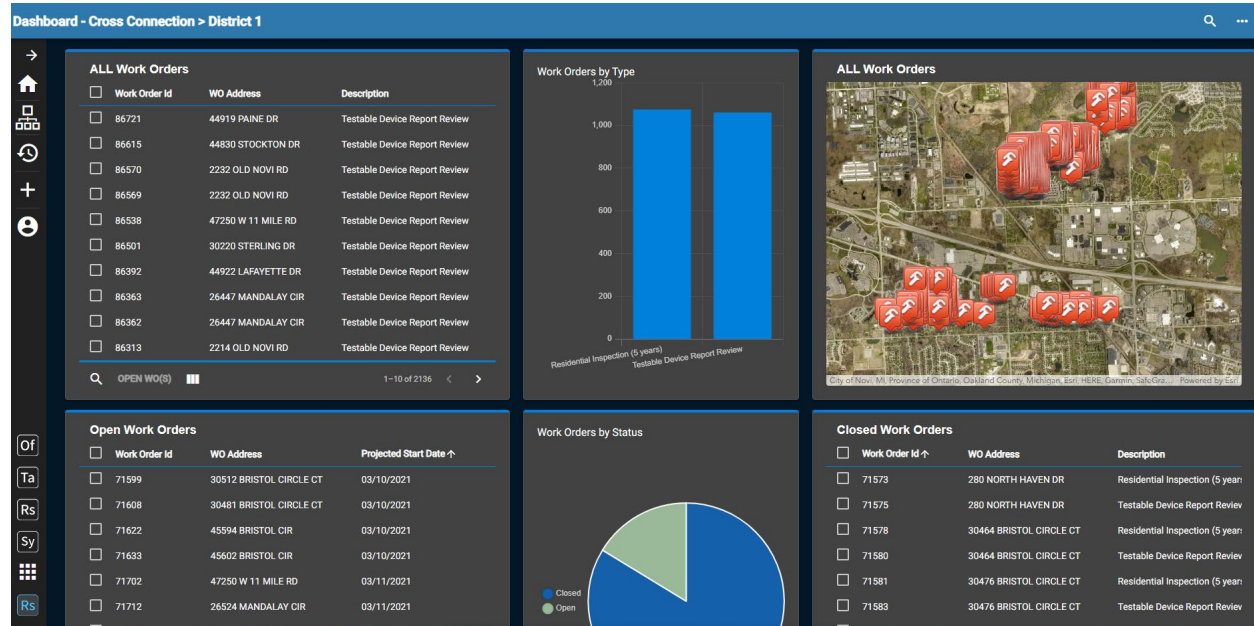
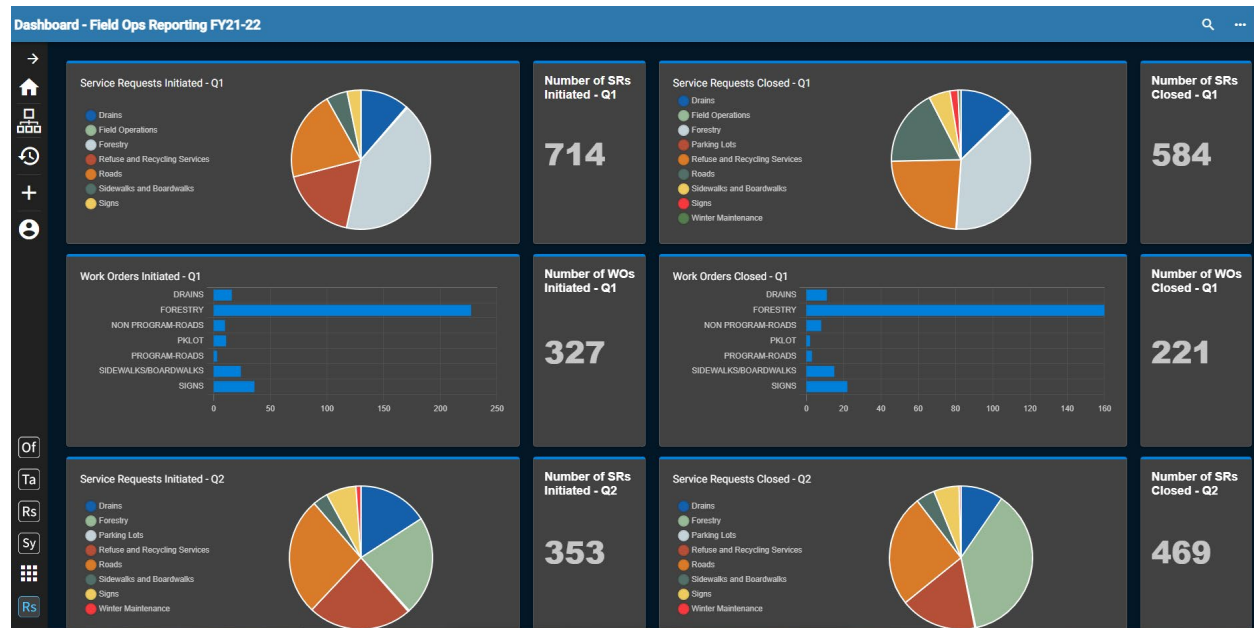
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Property Sales for March Board of Review Dashboard



<https://novi.maps.arcgis.com/apps/dashboards/0fb1c61524854774b4cdf79c6e12cb64>

Cityworks AMS Dashboards Created in Respond



Contact Information:



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