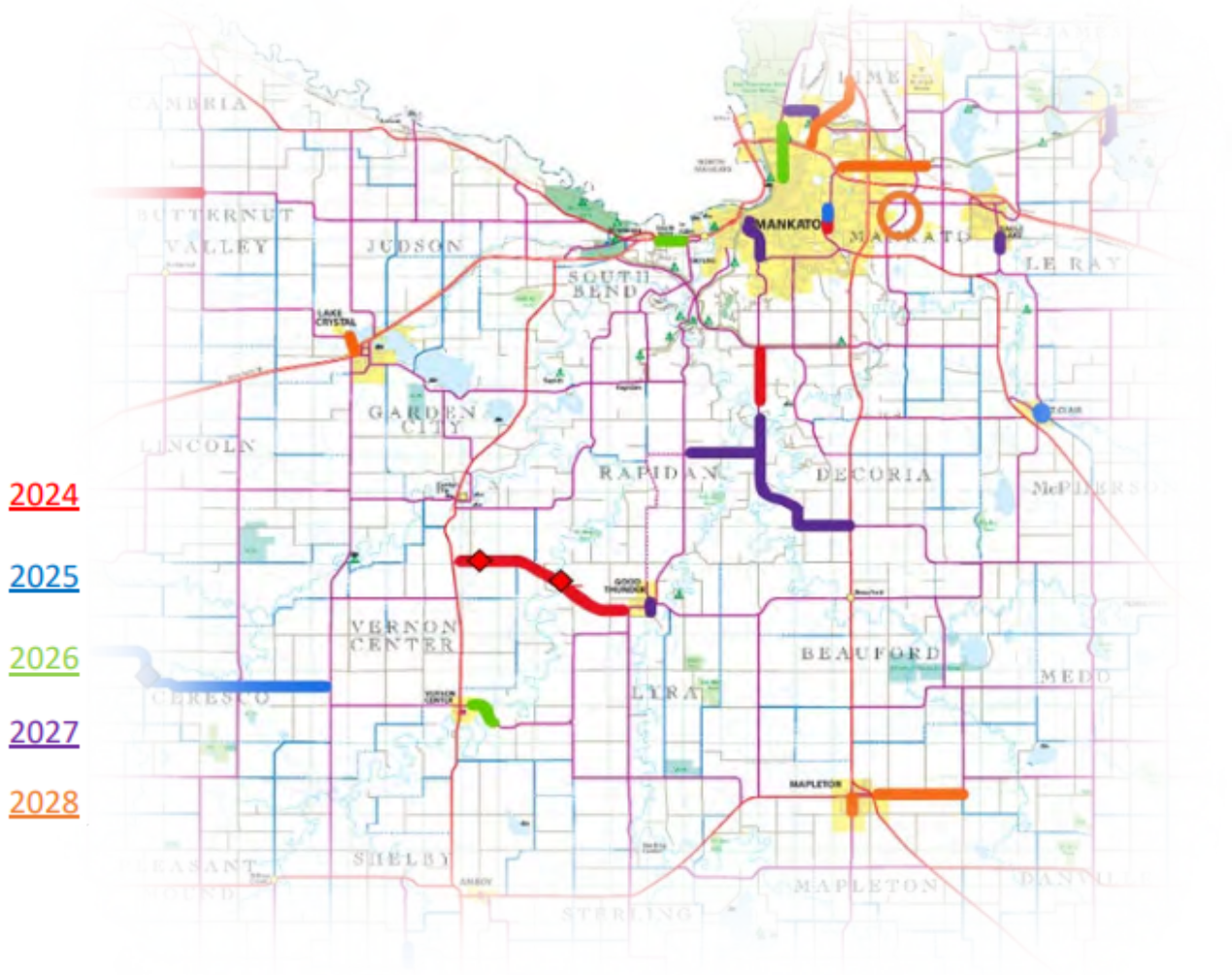


Tools for Capital Improvement Planning

2025RIC03

May, 2025

LRRB
LOCAL ROAD RESEARCH BOARD

Capital Improvement Planning

Capital Improvement Planning Tools Guide

This guide was developed to help Minnesota local agencies better understand and compare Capital Improvement Planning (CIP) software tools. The guide summarizes key features, functionalities, and support offerings across several CIP-related solutions, based on vendor-provided information and publicly available materials. The Technical Advisory Panel (TAP) identified top priorities to guide evaluation and comparison:

- **Cost & Licensing** – including how fees are structured (e.g., per user, per agency, annual subscriptions), and whether licensing allows for multiple users or departments.
- **Support & Training Costs** – including fees for onboarding, ongoing support, and software updates.
- **Geospatial & GIS Integration** – whether the solution includes its own mapping tools or integrates with existing platforms (e.g., ArcGIS), and how data can be visualized or exported.

This guide is not intended to rank or recommend specific products but to provide a side-by-side comparison for informed decision-making. All CIP software programs reported by survey respondents and noted by the TAP were explored. However, some vendor responses may be incomplete due to limited available information; these instances are noted accordingly.

For more information refer to the Capital Improvement Planning Vendor Matrix. Vendor contact information below:

Vendor Name	Contact Information	Point of Contact
Plan-It	Phone: (952)994-1744 support@cipsoftware.com	Shaylan Hurley Chief Support Officer
OpenGOV	Phone: (650)336-7167 Email: pr@opengov.com | cespinoza@opengov.com	Christina Espinoza Account Executive
RTVision	Phone: 612.799.0202 Email: marcr@rtvision.com	Marc Rood & Melissa Scherer Business Development
ESRI[1]	Phone: (651)454-0600	
GRIT[1]	Phone: (701)231-7767 Email: ndsu.ugpti@ndsu.edu | Bradley.Wentz@ndsu.edu	Bradley Wentz Program Director

1 Can support CIP development but does not have a CIP management at this time

Capital Improvement Planning

Plan-It!

High Priority Features

Cost & Licensing	Sample Agency – 70,000 population, 10 users, $8 million annual CIP	Support & Training Costs	Geospatial & GIS Integration
Ranges from $2,500 to $12,500 annually with a 5% increase annually.	$3,500 for the 1st user and $500 for each additional user + $8,000 a year. Import/clean all CIP data is a one-time cost between $500 and $1,000	Initial setup fee includes training. Ongoing support available at an additional cost.	Data export-able in multiple formats.

See Capital Improvement Planning Vendor Matrix for additional information

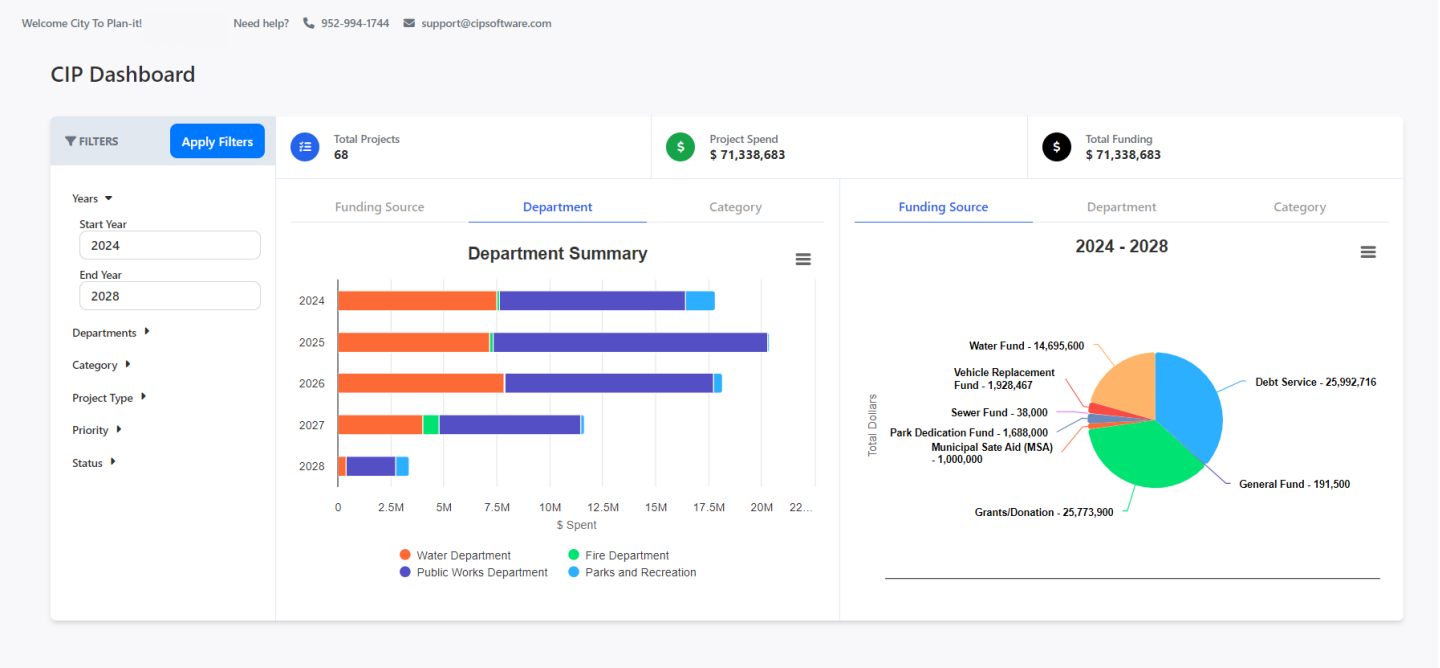
Overview

- Offers services including data migration, customized training, and continuous software improvements.
- Focuses on helping municipalities with project planning and budgeting for CIPs and capital equipment plans (CEPs).
- Graphics including pictures or maps can be easily added to reports.
- The software automatically generates reports.
- User feedback from customer base contributes to upgrades and new versions.
- Links to project documents can be added for access and organization.
- Plan-It can import information from financial systems to create “Budget vs. Actual” reports in Excel spreadsheets.

Capital Improvement Planning

Plan-It!

Dashboard Example



Local Agency References

- City of Lake Elmo, MN
- City of White Bear Lake, MN
- City of Shakopee, MN
- City of Minnetonka, MN

Resources

- *About Plan-It (Plan-It)*
- *Plan-It FAQs (Plan-It)*

Capital Improvement Planning

OpenGov

High Priority Features

Cost & Licensing	Sample Agency – 70,000 population, 10 users, $8 million annual CIP	Support & Training Costs	Geospatial & GIS Integration
Subscription model based on agency budget.	Based on agency budget.	One-time implementation cost includes training. Optional ongoing support packages available. Free online learning resources	Has its own GIS but many agencies use Esri GIS.

See Capital Improvement Planning Vendor Matrix for additional information

Overview

- OpenGov helps maintenance planning by guiding users to repair, maintain, and replace assets to extend their lifespan and optimize spending.
- OpenGov allows future planning by budgeting for maintenance activities, maximizing asset life, and adjusting by timeline, budget, and condition goals.
- Integration with ArcGIS allows updates and editing of asset inventories, ensuring real-time synchronization between office and field systems.
- Risk prioritization tools guide asset inspections, allowing field personnel to capture relevant data, attach photos, and schedule tasks.
- Reporting and analytics offer customizable reports and dashboards to support data-driven decision-making.
- Users can track asset conditions and work history, leveraging age and inspection data to perform proactive, condition-based maintenance.
- Stormwater management tools streamline compliance with regulatory requirements and simplify tracking of inspection and maintenance history.

Capital Improvement Planning

OpenGov

Dashboard Examples: *(Examples are from capital plan publications)*

- Anoka County, MN
- Minneapolis, MN
- Glynn County, GA
- Montgomery County, PA

Local Agency References

- City of Minneapolis, MN
- City of Brooklyn Park, MN
- Carver County, MN
- Scott County, MN
- Wright County, MN

Resources

- *Strategic Asset Management Software for Public Works (Open Gov)*
- *Infrastructure Asset Management (Open Gov)*
- *Resource Management (Open Gov)*

Capital Improvement Planning

RTVISION
SOFTWARE SOLUTIONS

High Priority Features

Cost & Licensing	Sample Agency – 70,000 population, 10 users, $8 million annual CIP	Support & Training Costs	Geospatial & GIS Integration
Pricing is tiered based on agency budget size	1. Year 1 / $2,500 annual subscription + $2,500 Implementation = $5,000 2. Year 2 and beyond: $2,500 / year (could be yearly increases, usually not more than 3%) 3. No limit to # of users, current pricing is based on yearly CIP budget	Training included in onboarding; ongoing support and additional development costs depend on agency needs	Includes a default map served through Mapbox for geospatial visualization and can also integrate with ArcGIS

See Capital Improvement Planning Vendor Matrix for additional information

Overview

- OneOffice – customizable, web-based capital improvement planning tool for multi-year budget management and project collaboration.
    - Asset Management – Includes tools for asset inventory, budget tracking, project prioritization, and scheduling.
    - Integrations – Supports ArcGIS, Microsoft Office, Dropbox, and financial systems for seamless data management.
    - Scenario Modeling – Forecasts future costs and budget needs, using historical pricing and inflation data.
    - Document Management – Includes encryption, digital signatures, and centralized storage for project documents.
    - Collaboration – Real-time sharing with departments and public dashboards for project feedback and transparency.
    - Project Prioritization – Rank projects, compile projects in one central database, and includes justification and explanation for project ranks.
    - Budget Management – Streamline capital planning and reduce expenditures with budget tracking against actuals as projects move from conception to construction.

Dashboard Examples

Program Dashboard/List of Projects in Program

Capital Improvement Planning

RTVISION
SOFTWARE SOLUTIONS

	Name
DETAILS	115 - Airport Control Tower
DETAILS	00180 - East Ave
DETAILS	2023-1
DETAILS	2023-001

Select a Project to view Project Details

Project 2023-001

Department: Transportation

Category: Airport: Engineering

Initiatives: Crash Rate Reduction

Project Description:

Improve the roadway and intersection between 1st and 2nd St to reduce crashes and improve flow of traffic.

Project Location

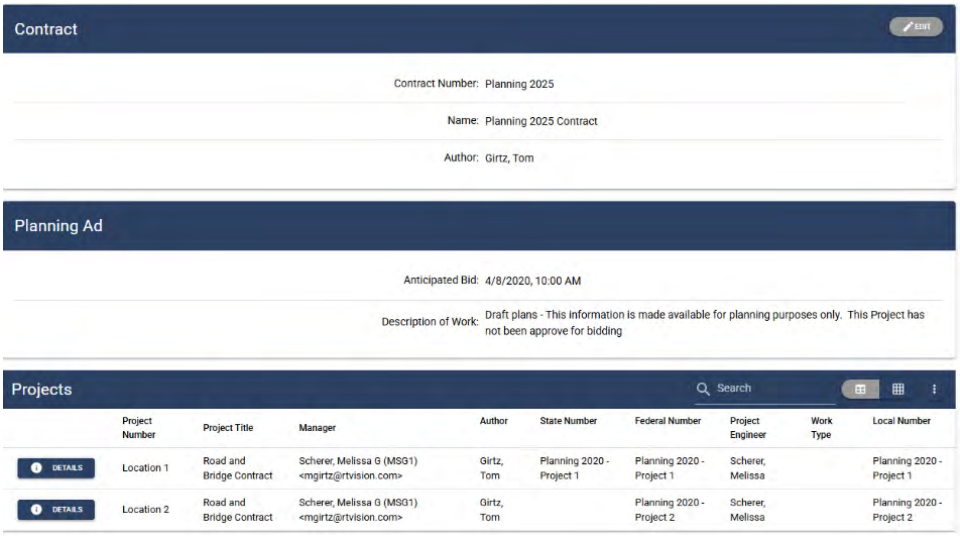
Fund	Prior	FY2022	FY2023	FY2024	FY2025	Future	Total
Federal	$0.00	$0.00	$2,789,000.00	$240,000.00	$0.00	$0.00	$3,131,000.00
State	$0.00	$0.00	$93,925.00	$1,578,000.00	$0.00	$0.00	$1,671,925.00
State Aid Disaster	$0.00	$0.00	$570,000.00	$350,000.00	$0.00	$0.00	$970,000.00
	$0.00	$0.00	$3,452,925.00	$2,168,000.00	$0.00	$0.00	$5,772,925.00

Cost	Prior	FY2022	FY2023	FY2024	FY2025	Future	Total
Construction	$0.00	$0.00	$93,925.00	$350,000.00	$0.00	$0.00	$2,261,925.00
Design	$0.00	$100,000.00	$50,000.00	$0.00	$0.00	$0.00	$152,000.00
Land Acquisition	$0.00	$0.00	$570,000.00	$0.00	$0.00	$0.00	$3,359,000.00
	$0.00	$100,000.00	$713,925.00	$350,000.00	$0.00	$0.00	$5,772,925.00

Capital Improvement Planning

RTVISION
SOFTWARE SOLUTIONS

Another dashboard example of Project Details



Local Agency References

- Sherburne County, MN
- Wright County, MN
- Polk County, MN

Resources

- *RTVision OneOffice for Capital Improvement Planning*
- *RTVision Capital Improvement Planning Overview*

Capital Improvement Planning

NDSU UPPER GREAT PLAINS TRANSPORTATION INSTITUTE

Geographic Roadway Inventory Tool (GRIT)

Overview

On-line Interactive Decision Support System – County roadway asset management, pavement condition forecasting and construction planning program developed for small to medium sized counties to support performance based development of short and long range roadway capital improvement plans. All GRIT information is automatically integrated into publicly available web maps and dashboards. GRIT was developed by the Upper Great Plains Transportation Institute (UGPTI) at North Dakota State University (NDSU) to research efficient funding and safety needs for ND Local Governments and expanded to surrounding States.

Asset Inventory Tool Data Items

- Construction History Layer – Last Project Surface including project type, surface type, year, last project surface depth, total surface depth, LP $/mile. Base including type, depth, year, subgrade strength. Cross Section including land width, rt shoulder total, rt shoulder paved, curbs, inslope ratio, safety edge. Maintenance items such as type, year, cost per mile, previous year 1 and 2 including seal coat, crack seal, patching and gravel road items such as grading. Also includes pavement forecasting with automatic import of pavement condition and traffic data information.
- Construction Planning Layer – project year, type, cost, funding types, surfacing, project status and public impacts such road closures, delays, detours and completion dates.
- Ownership/Load Limits – Ownership includes owner, functional class, maintenance, roadway type; and load limits includes seasonal limit, seasonal gross weight, year round limit, and year round gross weight.
- Minor Structures – Structure includes type, material, span length, cell size, cell length, numbers of cells, year installed, cover depth, aprons. Condition including erosion, roadway, waterway flow, overall structure rating data. Signing includes posted weight limit, sign, type, bridge end markers.
- Sign Inventory – Standard sign data items such as install dates, material, type, facing direction, support items, condition rating items, and activity tracking items.

Local Agency References

- Cottonwood County, MN
- McLeod County, MN
- Mahnomen County, MN
- Benton County, MN

Resources

- *Geographic Roadway Inventory Tool (NDSU)*

Capital Improvement Planning

Overview

- Capital Project Planning
  - Enables the definition, organization, and sharing of project portfolios within an official capital improvement plan (CIP).
  - Infrastructure investment is crucial for community economic vitality and quality of life.
  - The solution helps manage scheduling, quality, and cost challenges associated with infrastructure improvements.
  - Features include project schedule coordination, pavement moratorium management, and stakeholder communication (internal, external, and public).
- Capital Project Tracking
  - Manages active project portfolios and communicates updates to stakeholders.
  - Helps government agencies and utilities handle large portfolios and quickly share project progress.
  - Lack of communication can lead to costly changes, budget overruns, and public distrust.
  - Improves transparency, strengthens public trust, and ensures effective use of public funds.
  - Features include tracking project performance and sharing updates with internal stakeholders and the public.

Capital Improvement Planning

Products and ArcGIS Solutions

Item	Description	User Type
ArcGIS Pro	The next generation desktop GIS supports 2D and 3D data visualization, advanced analysis, and authoritative data maintenance.	More on ArcGIS Pro
ArcGIS Online	This essential part of ArcGIS allows you to connect people, locations, and data, using interactive maps, apps, and solutions.	More on ArcGIS Online
ArcGIS Enterprise	Leverage the complete software system for all your geospatial needs—make maps, analyze geospatial data, and share results to solve problems.	More on ArcGIS Enterprise
ArcGIS Hub	Build information sites and engagement platforms to organize people, data, and tools around community initiatives and increase resident input.	More on ArcGIS Hub
Capital Project Plans	Define a project portfolio, organize it into an official capital improvement plan, and share the plan with internal and external stakeholders.	ArcGIS Solutions
Plans and Drawings	Index the geographic extent of record plans and drawings and provide access to a catalog of source documents in the office or the field.	ArcGIS Solutions
Participatory Building	Solicit community feedback to identify, discuss, and prioritize public spending projects.	ArcGIS Solutions
External Agency Projects	An ArcGIS Web AppBuilder app used by private utilities and external agencies to share capital projects planned for their respective infrastructure	ArcGIS Solutions

Source: ArcGIS

Capital Improvement Planning

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Information Products

Item	Description	Minimum user type
Maximizing Capital Expenditures	An ArcGIS Hub site used by the public to learn more about public investments being made and how they can participate in the capital project planning process	Not required
Capital Project Dashboard	An ArcGIS Experience Builder app used by internal and external stakeholders to monitor active capital projects	Viewer (required for internal stakeholders)
Capital Project Reports	A Crowdsource Manager app used by project leads to manage the status of active capital projects and communicate the schedule, quality, and cost to internal and external stakeholders	Contributor

Source: ArcGIS

When these solutions are deployed in ArcGIS organizations, an ArcGIS solution item organizes the key information products and ***summarizes*** all the ArcGIS items (applications, forms, projects, maps, feature layers, feature layer views, and so on) included with the solution. The ArcGIS solution item also illustrates any dependencies items have on each other.

Local Agency References

- City of Worthington
- Steele County
- City of Eagan
- City of Stewartville

Resources

- *Capital Project Planning (ESRI)*
- *Introduction to Capital Project Planning (ESRI)*
- *Introduction to Capital Project Tracking (ESRI)*
- *Getting to Know the Capital Projects Solutions (Story Maps)*

Capital Improvement Planning

A Capital Improvement Plan (CIP) is a strategic, multi-year planning tool that helps counties identify, prioritize, and fund infrastructure improvements in a structured and transparent way. For counties that manage their CIP internally—without the use of third-party software—this process offers a flexible, locally controlled framework for aligning infrastructure investments with budget limitations, public input, and long-term community goals. Creating a CIP is essential for maintaining and improving transportation systems, anticipating future needs, and making informed decisions about when and where to invest limited resources.

If a third-party service or vendor platform isn't the right fit for your county or city, there are practical and effective spreadsheet-based CIP approaches currently in use. These options allow for full customization to local processes, support collaboration between departments, and provide a straightforward way to track and communicate capital planning efforts without the cost or complexity of outside systems.

Counties and cities that manage their CIPs with spreadsheet-based systems typically do so to maintain greater flexibility, minimize administrative costs, and keep planning efforts fully under local control. This approach allows staff to directly update project listings, adjust cost projections, and align capital needs with available funding without relying on proprietary software. Below are examples of Minnesota counties and cities successfully using spreadsheet-based CIP systems:

Resources:

- *Steele County 2024-2028 Highway Capital Improvement Plan*
- *Saint Louis County 2025-2029 Capital Improvement Plan*
- *Olmsted County 2025-2029 Capital Improvement Plan*
- *City of Cottage Grove 2025-2029 Capital Improvement Plan*
- *City of Elk River 2024-2028 Capital Improvement Plan*
- *City of Delano 2024-2028 Capital Improvement Plan*

Capital Improvement Planning Vendor Matrix

Category	Question	OpenGOV	PlanIt	RTVision	*ESRI	*GRIT
System Requirements	Are there any hardware requirements, server needs to optimize your CIP solution? Does your system depend on a centralized storage network for project documentation?	No hardware or server requirements; fully cloud-based. No reliance on centralized storage, all documentation is stored in the cloud.	Cloud-based system. No hardware or server requirements. Data stored securely with cloud backups.	Hosted on Amazon Web Services; data can be stored in the application or integrated with other systems like OneDrive. Backup and migration options available.	The ESRI CIP solution operates within an ArcGIS environment.	GRIT is a web application running on any browser.
Functionality	What functionality comes with your CIP solution? Does your CIP solution support agency-wide CIP beyond public works?	Includes budgeting, reporting, publications, and performance metrics tracking. Supports agency-wide CIP beyond public works.	Supports agency-wide CIP. Includes budgeting, reporting, GIS, analytics dashboard, and project tracking features.	Configurable solution with multi-year project tracking, budgeting, revenue management, and reporting. Primarily used in Public Works but can support other departments.	Supports defining, organizing, and sharing capital project portfolios; includes tools for project coordination, moratorium management, and internal/external communication. Extends beyond public works by incorporating utilities and infrastructure planning.	Primarily a road and bridge asset management and pavement condition forecasting tool for infrastructure management and planning. GRIT does not track financial or budget accounting for Capital Improvement Projects.
Multi-Year Project Tracking	How would multi-year projects be tracked for total project costs? What is the ease of operations when multi-year projects slip in a CIP?	Fully supports multi-year projects and multi-funding tracking. Allows fund transfers between projects when they slip.	Tracks total project costs across multiple years Capable of adjusting project timelines and funding. You can have as many funding sources / expenditures as you want within 1 year. You can add as many years as you want to a project. To switch to the next year simply update a filter to start reporting upon the next year or new timeframe.	Costs are broken down per year and can be adjusted individually. System automatically reflects changes and adjusts program accordingly.	Includes dashboards and project tracking tools	Future projects can be entered in the Construction Planning Layer along with projected costs and funding sources. It does not track cost details over multi-year projects.
Funding Management	How does your solution work with multiple funding sources on a project? Does your system allow for setting overall annual funding constraints by funding source? "Can you manage the color of money annually?"	Supports multiple funding sources per project. Users can set annual funding constraints by source.	Supports multiple funding sources. Allows agencies to set funding constraints per source and run cash flow reporting by funding source for 1 to 10 years for forecasting or scenario planning.	Tracks revenue and allows constraints to be set by funding source. Full revenue management section included.		Funding sources can be entered for each project. Budgets and funding constraints are not tracked by GRIT at this time.
Asset Condition & Forecasting	Does your solution provide any asset condition forecasting, and if so, what metrics are included in your forecasting model? How difficult is it to modify those metrics by agency preference? Is there an optimization feature for allocating funding to the highest and best use?	Asset condition forecasting is supported through a separate asset management tool. Tracks age, lifecycle costs, depreciation, maintenance history, and replacement needs.	Includes asset condition forecasting. Agencies can adjust prioritization criteria and funding allocation settings. We also have an Equipment Replacement or Repair Plan Management tool that links to the CIP. This allows you to simply manage all of your equipment replacement schedules and report upon cash balances for the funding of the equipment repairs or replacements.	Assest conditions can be used for project ranking. A full asset management program would be a separate module.		Yes, GRIT includes pavement condition forecasting along with asset inventory tracking. The forecasting is based on the AASHTO 93 pavement model and involves inputs including SN, Projected ESAL's, pavement condition and age which all come from the GRIT program. There is no optimization feature to allocate funding.
Prioritization & Performance Metrics	Does your solution have the capability to set prioritization criteria? Are there preset performance indicators? What is the ease of use? Any limitations?	Allows agencies to set prioritization criteria. Can pre-set performance indicators. No technical expertise required. No limitations on modeling usage.	Customizable prioritization criteria. Includes preset performance indicators and allows for modifications.	Agencies can set prioritization criteria with weighted initiatives. System ranks projects based on funding needs.	Includes dashboards and project tracking tools	No

*Can support CIP development but does not have a CIP management at this time

Category	Question	OpenGOV	PlanIt	RTVision	*ESRI	*GRIT
Dashboard & Communication Interface	Is there a dashboard or other communication interface for public works or administrative staff to view?	Yes, includes a dashboard with project visibility, budgets, and key performance metrics.	Interactive dashboard for project tracking, financial management, and reporting. Create a digital interactive web page that displays your CIP via self serviced analytics, show all your projects on an interactive map, add reports / visualizations and provide an easy table of contents to navigate between CIP content.	Includes reports and dashboards for tracking project status, milestones, risks, and schedules.	provides multiple dashboards, including the Capital Project Dashboard (for monitoring active projects) and the Capital Project Reports app (for managing project status and communication).	Yes
Deployment & Agency Needs	What is the biggest challenge in deploying your CIP solution with agencies? How do you help an agency identify their needs?	Ensuring the Chart of Accounts (COA) aligns with agency financial structure. Works closely with agencies for seamless integration.	Identifying data structures and financial reporting needs. Offers consultation services for smooth deployment. You send us all of your data and we import the data for you. We have done this 1000s of times across various city sizes all over the US. Send us your data in whatever format you have and we will clean it up, organize and then schedule a 30 min call with you to ask you some clarifying questions and make best practice recommendations based on what other cities like yours do who are using our tool. The process takes 1-2 weeks and roughly 30 min to 1 hour of your time. There is unlimited support at no additional cost.	Transitioning from paper-based to electronic systems requires process adaptation. Works with agencies to define needs and integrate existing financial structures.	Ensuring effective communication and transparency to improve stakeholder engagement and avoid budget overruns.	The Agency is required to enter their inventory data into GRIT. While data entry is a simple process some Agencies do not have easily accessable records of their assets and/or there is limited staff available to gather this information.
Data Analytics	Are there integrated data analytic functionality to monitor key metrics?	Yes, integrates Key Performance Indicators (KPIs) for monitoring key metrics.	Includes built-in analytics, customizable reporting tools, and data visualizations	System includes analytics for project tracking and notifications for milestone updates.	Includes ArcGIS Dashboards for reviewing projects	Web maps and dashboard are connected live to any inventory updates in GRIT.
Public Engagement & Customization	Can your tool provide for public comment/feedback if an agency desires to publish externally? Can an agency customize what decision support data is displayed such as traffic count, pavement condition, pavement age, subgrade strength, geographical district?	Yes, supports public comment/ feedback and allows customization of displayed decision support data (traffic counts, pavement condition, etc.).	Public comment feature available. Agencies can control displayed decision support data.	Public-facing options available. Agencies can customize data visibility, including traffic counts, pavement condition, and pavement age.	Yes, the Maximizing Capital Expenditures ArcGIS Hub allows the public to engage in capital project planning.	Most of the data layers in GRIT are displayed in webmaps and dashboards which are available to the Public. The Public cannot make comments at this time.
Reporting & Output Formats	What is the reporting system? What format are CIP outputs or summaries?	Uses OpenGov Reports with tables, charts, graphs, and narratives. Exports available in web-based format, PDF, and Excel.	Provides PDF, Excel, and web-based report exports with graphical and tabular summaries.	Over 100 pre-built reports; users can extract data using API. Outputs available in PDF and Excel.	Reporting is handled through dashboards and web-based applications.	Reporting and Output is directed to dashboards and webmaps where users can filter for the information they are looking for. No printed reports are available.

*Can support CIP development but does not have a CIP management at this time

Category	Question	OpenGOV	PlanIt	RTVision	*ESRI	*GRIT
Cost & Licensing	What are the costs for the agencies? Is your solution based on an annual fee structure? Are there licensed number of seats/users within the fee structure?	Pricing is public and aligns with cooperative purchasing agreements. Subscription model based on agency budget. Unlimited users/storage.	Annual Subscription-based pricing. Flexible user licensing options. Ranges from $2,500 to $12,500 annually with a 5% increase annually. Can add a users whenever is needed. There is a free user tier that allows agencies to have users submit new project requests to agencies via a digital form that agencies control. Ability to send as many of these requests for new projects out as you want at no additional cost. Paid user seats are users who need to edit or update existing projects. Cost based on agency size: Small cities = $2,500 for the 1st user $500 for each additional $6,500 for unlimited users Medium cities = $3,500 for the 1st user $500 for each additional $9,500 for unlimited users Large cities = $4,500 for the 1st user $500 for each additional $12,500 for unlimited users. One time fee for data integration between $500 to $1,000. Depending on agency needs, implementation takes 1-2 weeks and only 30-45 min of your time. Enterprise level cities: 150K + in population custom pricing based on need	Pricing is tiered based on agency budget size. Minnesota agencies receive incentives if using One Office construction program. Cost based on budget: $1-$19.99M = $2,500; $10M-$39.99M = $4,000; $40M+ = $5,000. Implementation cost of $2,500.		Maintenance/Service Agreement is $950 per year.
Cost Comparison	What is the estimate cost for a County with a population of 70,000 people, 10 users, Public Works budget of $20 million over all with $8 million in capital.		$3,500 for the 1st user and $500 for each additional user + $8,000 a year. Import/clean all CIP data is a one time cost between $500 and $1,000 **prices may vary depending on agency information**	1. Year 1 / $2,500 annual subscription + $2,500 Implementation = $5,000 2. Year 2 and beyond: $2,500 / year (could be yearly increases, usually not more than 3%) 3. No limit to # of users, current pricing is based on yearly CIP budget		GRIT is intended for small to medium sized Counties and the cost is same as above.
Support & Training Costs	Are there support or training fees for either initial setup or implementation versus ongoing support?	One-time implementation cost includes training. Optional ongoing support packages available. Free online learning resources.	Initial setup fee includes training. Ongoing support available at an additional cost.	Training included in onboarding; ongoing support and additional development costs depend on agency needs.		Maintenance/Service agreement includes support.
Upgrades & Improvements	Are there fees for upgrades or new versions and if so, how often is the software improved?	No fees for upgrades. Continuous updates with larger feature updates rolled out quarterly.	No additional fees for standard updates. We are always improving the product based on our customers' feedback. Our goal is to make your job easier. We do have other modules that we sell that tie into the CIP for an additional cost.	Updates released every two weeks. No forced upgrades unless new functionality is purchased.		Web application that is continually upgraded.
User Feedback & Support	Is there a user's forum for requesting added functionality? If not, is there a customer service line?	Yes, feature request system available. Each agency has a dedicated Customer Success Manager.	Includes user forums and encourages feedback via call or email. Oftentimes can implement feedback within 1 week. Goal is to make agency job easier and the best way to achieve this goal is to learn from agencies.	Public roadmap available for user feature requests. Customer support line included.	Offers customer support and online resources	

*Can support CIP development but does not have a CIP management at this time

Category	Question	OpenGOV	PlanIt	RTVision	*ESRI	*GRIT
Geospatial & GIS Integration	Does your solution have its own geospatial visual platform? How would your CIP solution interface with an existing GIS platform? How is data exported to Excel/Access or other database platforms if an agency desires?	Has its own GIS but many agencies use Esri GIS. Data can be exported to Excel, Access, and other platforms.	Data exportable in multiple formats. Data can be exported via excel, csv, pdf or GIS formats. Ability to add shapes, points, addresses and trace over streets on a map for each project. The end result is a live interactive filterable map that displays your projects and links them to project budget detail overview pages.	Includes a default map served through Mapbox for geospatial visualization and can also integrate with ArcGIS. All data in OneOffice CIP can be output to Excel by report or data table (also alluded to in the Reporting & Output Formats listed above).	The solution is fully integrated into the ArcGIS platform, allowing agencies to use geospatial tools for CIP planning.	GRIT is built on the Google Maps API and supports Microsoft SQL server geospatial data formats. GIS services are provided for integration in other GIS platforms. Exporting is limited.
Interoperability with Other Systems	How does your solution interface with other agency databases or decision support systems like cost accounting software or asset management systems?	Can integrate with accounting software and asset management systems.	Compatible with multiple agency databases and financial software. Via API or import / export via excel templates.	Can integrate with other systems including payroll and payment processing tools.		Other than GIS services there are not interfaces with other systems.
Integration Support & Costs	Does your team provide support for interoperability challenges for solution integration? Are there fees/ costs for data integration support?	Yes, dedicated integration team available. Fees vary based on integration complexity.	Includes support for interoperability. Additional costs depend on agency needs.	Support provided for interoperability challenges; custom automation development incurs additional costs.		No
Current Clients & References	What Minnesota local agencies are currently using your solution? Other references?	City of Minneapolis, City of Brooklyn Park, Carver County, Scott County, and Wright County.	City of Lake Elmo, City of White Bear Lake, City of Shakopee, and City of Minnetonka. Serves over 80 cities in MN alone.	Sherburne County, Wright County, and Polk County.	City of Worthington, City of Eagan, Steele County, City of Stewartville	Pope, Beltrami, Becker, Houston, Wright, Nobles, Waseca, Cottonwood, Mcleod, Nobles, Benton, Brown, Martin, Fairbault and Le Sueur have active service agreements.
Artificial Intelligence (AI)	How does your system currently use AI or plan to leverage AI in the future?	Uses generative AI, predictive AI, and natural language processing. Ensures secure, agency-specific AI-driven functionalities.	Uses AI for data analysis and optimization. Developing AI tools in the roadmap to help develop reporting and answer questions agencies may have about data. The main way AI is leveraged is to support customers more effectively and respond to questions more efficiently. Also leverage AI in the development of software.	Exploring AI for analytics and automation in data entry and payment processing. Focus on modern interfaces and data ownership.		AI is being used to assist in Sign data collection. AI will also be integrated into the pavement and other asset performance prediction process.

*Can support CIP development but does not have a CIP management at this time