THE CITY OF LAKE ELMO

STAFF REPORT

DATE: June 15, 2021
CONSENT

AGENDA ITEM: Approve Contract with GoodPointe Technology for Pavement Condition Evaluation Services

SUBMITTED BY: Jack Griffin, City Engineer and
Marty Powers, Public Works Director

REVIEWED BY: Kristina Handt, City Administrator
Chad Isakson, Assistant City Engineer

ISSUE BEFORE COUNCIL: Should the City Council approve a contract with GoodPointe Technology for Pavement Condition Evaluation Services?

BACKGROUND: Developing and implementing a systematic pavement management program enables a community to more effectively plan and program maintenance and rehabilitation strategies for the public street and pavement assets. A good pavement management program will help to provide more accurate and accessible information on the pavement network, will better track pavement performance, will help to better predict funding needs and will make more efficient use of available resources. In addition, the data driven process will improve communications between staff and the city council for the purpose of establishing and supporting the proper funding and budget levels.

A good Pavement Management Program will consist of the following elements:

1. A current and accurate street and pavement inventory.
2. Condition Assessment for each street segment, updated every 3 years.
3. Repair/maintenance strategies with cost estimates.
4. Prioritization methodology.
5. Process for creating and evaluating maintenance/rehabilitation budgets.

The key to strategic maintenance planning is in knowing the current condition of the various elements of your infrastructure network and understanding how it is changing with time and in response to the ongoing maintenance, repair, and rehabilitation efforts.

PROPOSAL DETAILS/ANALYSIS: In 2016 the city retained GoodPointe Technology to conduct a city-wide street inventory and pavement condition assessment using the PCI rating system. The pavement management information was uploaded to ICON, an Infrastructure CONsultant relational database management program that is used to manage and track the condition of the city's physical pavements, signs, and any other miscellaneous infrastructure assets located in the public right of way. Proposals were then obtained in 2018 to begin re-rating parts of the city street pavements on a bi-annual basis in a manner to maintain current condition assessments for accurate reporting and evaluation. However, due to staff and council turnover, the 2018 condition assessments were not supported by the budget.

To better ensure that the city is investing its maintenance and reconstruction dollars more strategically for extending the serviceable life of the city pavements, staff is recommending that the pavement condition assessment and inventory be updated in 2021. The proposal also includes consulting services to be provided by GoodPointe Technology to assist the city with setup and training on the ICON database system so that

the system can be maintained over time. The updated rating/inventory will provide the city with a current and accurate street inventory and condition assessment that will be accessible to Public Works and Engineering for ongoing updates, capital improvement planning and annual street maintenance programming.

FISCAL IMPACT: $20,900 to be paid from the Street Maintenance Fund.

RECOMMENDATION: Staff is recommending that the City Council approve a contract with GoodPointe Technology for Pavement Condition Evaluation Services. The recommended motion for the action is as follows:

"Move to approve a contract with GoodPointe Technology for Pavement Condition Evaluation Services in a not to exceed amount of $20,900".

ATTACHMENTS:

1. GoodPointe Technology Professional Services Proposal dated June 7, 2021.

Network Level
Pavement Condition Evaluation for the City of Lake Elmo, Minnesota

Version A.2 Submitted June 7, 2021

GoodPointe Technology
287 E. 6th Street, Suite 200
St. Paul, MN 55101
www.goodpointe.com

GOODPOINTE TECHNOLOGY

ICON
GET TO THE POINT
Infrastructure Management Solutions

June 7, 2021

Mr. Marty Powers
Public Works Director
3880 Laverne Ave N
Lake Elmo, MN 55042

Dear Marty:

Re: A.2 Proposal for Pavement Evaluation Consulting Services for the City of Lake Elmo, Minnesota

We are pleased to present the following scope of work and related cost proposal to perform the above-referenced project for roadway pavements under the jurisdiction of the City of Lake Elmo. This revised version A.2 reflects the input of City engineer Jack Griffin from Friday June 4, 2021.

All official correspondence during this project may be directed to:

Tony Kadlec President
Phone: (651) 726-2555
Fax: (651) 726-2545
E-mail: tkadlec@goodpointe.com

We appreciate the opportunity to work with you on this project, and we look forward to providing high quality pavement and infrastructure management consulting services!

Sincerely,
GoodPointe Technology

Anthony J. Kadlec
President

Attachments:
Technical Scope of Work
Proposed Cost Estimate

1. Firm Information

We are pleased to submit the following information on our company and the services we can provide for this project:

WHY SELECT GOODPOINTE TECHNOLOGY FOR THIS PROJECT?

Simply put, the collection of high-quality pavement condition data and the implementation of pavement and related infrastructure asset management systems is what we do for a living, day in and day out. We take pride in building and maintaining long-term client relationships and supporting our clients with their use of their pavement management software and through the delivery of high- quality pavement condition data.

Our project team includes staff with vast experience to deliver exceptional value above and beyond the data that is collected and delivered in this project.

OUR FIRM

GoodPointe Technology, Inc. (**GoodPointe**) appreciates this opportunity to serve the City of Lake Elmo and to present the qualifications of our firm.

GoodPointe has the extensive knowledge in necessary to perform this work efficiently and effectively. Our firm provides a wealth of experience that has already served the needs of a variety of local governmental clients throughout the state of Minnesota, across North America, and around the world.

Our clients include cities, counties, state DOTs, telecommunication companies, utility companies, and transportation agencies. To date, we have processed more than 500,000 miles of digital right of way data collection, mapping, road geometry and asset inventory on roads and rails throughout North America and Asia since 1999.

INTRODUCING GOODPOINTE TECHNOLOGY

GoodPointe Technology (GoodPointe) is one of the leading infrastructure management systems- engineering and software-consulting firms in North America. The core mission of GoodPointe is to develop and provide high-quality roadway maintenance management software and system consulting services to clients in the government and private sector.

We help the authorities of public and private infrastructure/facilities to more effectively meet their management and maintenance needs by providing powerful, flexible, and easy to use management system software and implementation services.

Our management system implementation services include:

- Strategic capital improvement project planning and needs analysis for your local conditions;
- Data transfer and design of infrastructure condition data collection services;

- Digital Right of Way imaging data collection and integration services;
- Infrastructure system performance analysis;
- Software Development and Implementation Services;
- GIS Consulting, Crystal Reports Development, and System Training Services;
- Generating budget investment and deferred maintenance analysis scenarios; and,
- The development of short-term and long-term infrastructure maintenance, repair, and rehabilitation plans.

To summarize: we design, develop, market, implement, and maintain maintenance management software systems used by businesses, government agencies and other organizations. The use of these systems enables responsible officials to more cost-effectively manage assets. These assets include highways, county roads, city streets, sidewalks, curb and gutter, signs and signals, lighting systems, bridges, parking lots, wastewater and storm drainage systems, water pipelines, park features and other miscellaneous assets.

OUR PHILOSOPHY

We realize that understanding and effectively resolving today's increasingly complex infrastructure problems requires an experienced, interdisciplinary team of professionals. Pavement and related infrastructure management systems no longer present single-issue solutions but interdependent ones that cross technical, departmental, regulatory, and provincial boundaries. That is why we take an integrated, interdisciplinary approach to help our clients meet these challenges.

We take great pride in delivering high-quality infrastructure management software *and* system data to our clients, and we encourage you to contact our references to verify our claim as you perform your due diligence in consideration of this project. Since we work on "both sides of this equation", we realize it is not good enough to implement our industry leading software (or any other third party software program) with average quality data. Nor will it suffice to have the world's best data reside within a software program that is difficult to use, maintain, and cannot model the local dynamics that challenge your infrastructure system.

OUR PEOPLE

Our personnel have been developing successful pavement management consultation relationships with local, national, and international government agencies since the 1980's. Our team for this project includes staff whose work has advanced the technology of infrastructure management science in North America and the rest of the world. We believe our experience in the field of pavement management science, management system implementations, and our experience in knowing how to work well with governmental agencies across the world, demonstrates our strong commitment to serving clients like you.

Role in this Project: GoodPointe will serve as the sole contractor and will perform the visual surface rating survey specified for this project.

GoodPointe Technology is headquartered in St. Paul, Minnesota, and has offices located regionally across North America, Europe, and Asia.

2. Project Outline

The project deliverables shall include the following:

Task A. Pavement Condition Survey
Perform a detailed pavement surface condition evaluation that identifies pavement distress type, quantity, severity, and extent expressed as a percent. The roadway pavements to be evaluated in this project will be identified in an ESRI ArcGIS shapefile, to total approximately 70 centerline miles. **NOTE: the approximately 20 miles of roadways constructed since 2016 will NOT be field surveyed under this task, but will be assigned a 'No-Distress' survey with a 2021 survey date.**

General Survey Methodology
The PCI is a numerical expression of a pavement condition rating system which was initially developed by the U.S. Army Corps of Engineers. The PCI methodology is used nationwide and is endorsed by the American Public Works Association (APWA), the Federal Aviation Administration (FAA), the U.S. Military, and has been standardized by the American Society of Testing and Materials (ASTM).

The surface condition assessment for this project will be based upon the standard survey condition methodology as defined in the ASTM 6433-11, by the American Society for Testing and Materials. The assessment will provide a Pavement Condition Index (PCI) for each pavement section defined in this project.

GoodPointe Technology uses the PCI methodology as the basis for the majority of our pavement management system implementations because it provides a reliable and repeatable methodology, which follows nationally established definitions, procedures, and provides the greatest utility for pavement rehabilitation analysis.

Survey Methodology Proposed for This Project
GoodPointe Technology will use the most current set of available data to perform the field survey of physical pavement features. Using a relational database of inventory sections, which will be prepared for this project, GoodPointe Technology will generate data collection forms to be used for executing the survey.

If there are historical records of pavement construction/maintenance projects that have most recently been performed, then please include the construction, and/or maintenance project (type of maintenance and date of project) for the relevant inventory record(s) for the pavement sections to be evaluated in the project.

The proposed survey will cover the surface of the specified roadway pavement section(s) using the PCI/Street Saver survey procedure in conjunction with the sampling procedures specified for this project. Data entry will be performed concurrently with the pavement surface condition data collection process.

For the bituminous pavements within the selected area of evaluation, the following pavement surface condition distresses and their related quantities will be recorded:

- **Alligator Cracking**
- **Bleeding**
- **Block Cracking**
- **Bumps and Sags**
- **Corrugation**
- **Depression**
- **Edge Cracking**
- **Joint Reflection Cracking**
- **Lane/Shoulder Drop Off**
- **Long. & Trans. Cracking**
- **Patching**
- **Polished Aggregate**
- **Potholes**
- **Railroad Crossing**
- **Rutting**
- **Shoving**
- **Slippage Cracking**
- **Swell**
- **Weathering/ Raveling**

Other Right of Way Data to be Verified/Updated in this Project
In addition to collecting the PCI data in this project, we will field verify/update the following data, which was initially collected in our previous 2016 survey:

1. **Roadway Pavement Width** (e.g. pavement edge to pavement edge, measured to the nearest tenth of a foot, rounded to the nearest foot);
2. **Curb & Gutter Inventory** (e.g. yes/no/partial extent of the primary curb type present on the roadway section). The list of curb attributes to be extracted will be developed with, confirmed/finalized by the City.
3. **Shoulder Width** (e.g. if a shoulder is present, the material type (gravel, AC) and total width will be measured; if no shoulder is present, a rating of 'none' will be recorded).

Task 1. Deliverable

- Data entered into City's ICON system, deliver digital MS Excel spreadsheet of tabulated survey results for each pavement inventory section (street block) to City.

Task B. ICON Premium Consulting Agreement
Under this task GoodPointe will provide value-added consulting effort under this task based on the specific needs of the City. This work may include a combination of the following task/deliverables:

- Holding a conference call with the City to confirm the City's needs for this project.
- Assisting the City with the establishment of the approximately twenty (20) centerline miles of City asset inventory (e.g. attributing the inventory (from/to) termini for the City roadway network) added since the 2016 survey.
- Transferring and/or update the pre-existing geocode link/asset data from the City's legacy and/or third-party database system(s).
- Providing onsite or online ICON system training for City staff designated to work with the system.
- Entering/importing the paving projects completed in recent years, registering the improved condition into the ICON database.
- Receiving and entering the City's Proposed Capital Improvement Projects (CIP List) and proposed project costs into the Predetermined Plan of ICON.

- Updating the ICON program to reflect the City's current asset management policies, paving strategies, application parameters, unit costs, etc.
- Reviewing/Updating the pavement performance curves to be loaded in ICON based on actual City pavement performance data.
- Assisting the City with using the ICON Budget Analysis Module to run multiple, multi-year projections (1 to 75 years into the future) to document the projected average network condition and deferred maintenance backlog results, based on the data supplied in above items.
- Documenting the Trends in Pavement Condition, queried out of the historical database tables of ICON.
- Including the scenario results run in an executive summary report.
- Generating GIS mapping data and/or PowerPoint presentation materials for elected officials.

Note:
The above items are offered as a preliminary suggestion of work objectives for the City under this project. GoodPointe will work with your staff to define/refine the set of deliverables under this task. GoodPointe will provide an ongoing report of the consulting effort provided under this task throughout the duration of the project. Out of pocket expenses (e.g. billable project mileage ($0.75/mile) will be billed separately.

3. Time Schedule

At the writing of this proposal, the preliminary schedule for this project, assuming written notice to proceed on or before June 30th is to deliver proposed services on or before October 31, 2021.

Please note: a delay in the notice to proceed date may require an adjustment in the estimated date of completion for this project.

4. Compensation

Task A. Pavement Condition Survey: 70 centerline miles @$240/centerline mile, $16,800

Task B. ICON Premium Consulting Agreement: Forty (40) Hour package, $100/hour, $4,000.00

Estimated Out of Pocket Expenses: billable mileage for onsite meetings will be billed at $0.75/mile, not to exceed $100.00

Proposed not-to-exceed cost: $20,900.00

This cost estimate is based on providing the services described under the version A.2 Scope of Services, and Proposed Cost Schedule dated June 7, 2021. The cost estimate will not be exceeded without additional authorization from your organization.

Out of pocket expenses such as billable project mileage for onsite meetings will be billed at $0.75/mile.

The hourly or unit cost presented in this contract is based on the scope of services described and the assumption that the project will be completed within one year from the signature date. If the project cannot be completed within the proposed schedule due to circumstances beyond our control, revising the unit costs may be required for completion of the remaining tasks.

Signature Page: please sign, scan and email to tkadlec@goodpointe.com

Attention: Tony Kadlec, GoodPointe Technology
Re: City of Lake Elmo
Pavement Evaluation Project

RE: INFRASTRUCTURE MANAGMENT SYSTEM PROFESSIONAL SERVICES

The agreement is based on providing the services described under Exhibit A.2 Scope of Work for the City of Lake Elmo, dated June 7, 2021. The project budget will not be exceeded without the additional authorization from the client.

The hourly or unit cost presented in this contract is based on the scope of services described and the assumption that the project will be completed within one year from the signature date. If the project cannot be completed within the proposed schedule due to circumstances beyond our control, revising the unit costs may be required for completion of the remaining tasks. Invoices will be submitted on a monthly basis in accordance with the progress achieved in this project. Terms on payment for services are due immediately upon receipt.

GoodPointe Technology appreciates the opportunity to present this contract to you. Please sign this page and return a scanned copy to GoodPointe Technology via email to tkadlec@goodpointe.com. Receipt of the signed agreement will serve as our written authorization to proceed with the proposed scope of work.

Authorization to Proceed:
Please proceed according to the described scope of services denoted in Exhibit A.2

Total Authorized Budget: **$20,900.00**

Date	
Client	City of Lake Elmo, Minnesota
Authorized Signature	
Name	
Title	
Date	June 7, 2021
Authorized Signature	
Name	Anthony J. Kadlec
Title	President

GOODPOINTE PROJECT EXPERIENCE

In the last five years, GoodPointe has served as the preferred pavement management/data collection consultant for the following agencies:

Total Centerline Miles	Agency	Coordinate Survey Crews	Tabulation of Data	Quality Control Review Services	Database Management	Data Collection Services	Point of Contact	Department
425	Anoka County, MN	x	x	x	x	x	Mr. Andy Witter	Highway Department
422	Arlington County, VA	x	x	x	x	x	Mr. Hung Tran	Public Works Department
713	Beltrami County, MN		x	x	x		Mr. Bruce Hasbargen	Highway Department
366	Chisago County, MN		x	x	x		Mr. Joe Triplett	Highway Department
28	City of Arden Hills, MN	x	x	x	x	x	Ms. Sally Ricard	Engineering Department
399	City of Bloomington, MN	x	x	x	x	x	Mr. Charlie Wild	Public Works Department
211	City of Burnsville, MN	x	x	x	x	x	Mr. Jeff Radick	Engineering Department
101	City of Champlin, MN	x	x	x	x	x	Ms. Sue Knight	Public Works Department
161	City of Chanhassen, MN	x	x	x	x	x	Ms. Alyson Fauske	Public Works Department
170	City of Cottage Grove, MN	x	x	x	x	x	Ms. Jennifer Levitt	Public Works Department
516	City of Dothan, MN	x	x	x	x	x	Mr. Charles Metzger	Engineering Department
444	City of Duluth, MN	x	x	x	x	x	Mr. Chauncey Bangs	Engineering Department
228	City of Eagan, MN	x	x	x	x	x	Ms. Sara Pluta	Public Works - Streets Department
224	City of Eden Prairie, MN	x	x	x	x	x	Mr. Rod Rue	Engineering Department
193	City of Eden Prairie Parks, MN	x	x	x	x	x	Mr. Bill Olmschenk	Parks and Recreation
200	City of Edina, MN	x	x	x	x	x	Mr. Carter Schulze	Engineering Department
146	City of Elk River, MN		x	x	x		Mr. John Anderson	Public Works/Engineering
14	City of Falcon Heights, MN	x	x	x	x	x	Ms. Sally Ricard	Engineering Department
452	City of Fargo, ND	x	x	x	x	x	Mr. Tom Knakmuhs	Engineering Department
111	City of Fergus Falls, MN	x	x	x	x	x	Mr. Brian Yavarow	Engineering Department
98	City of Hastings, MN	x	X	x	x	x	Mr. John Caven	Engineering Department
57	City of Hopkins, MN	x	x	x	x	x	Mr. Rich Hill	Engineering Department
76	City of Hutchinson, MN	x	x	x	x	x	Mr. John Olson	Public Works Department
151	City of Inver Grove Heights, MN	x	x	x	x	x	Mr. Scott Thureen	Engineering Department
217	City of Maple Grove, MN		x	x	x		Mr. Marc Culver	Engineering Department
132	City of Maplewood, MN	x	x	x	x	x	Mr. Michael Thompson	Public Works Department
1,338	City of Minneapolis, MN		x		x		Mr. Joe Casey	Public Works Department
39	City of Mounds View, MN			x	x		Mr. Jim Hess	Department of Public Works
63	City of New Hope, MN	x	x	x	x	x	Mr. Guy Johnson	Public Works Department
320	City of Newark, NJ		x	x	x		Mr. Jason Hahn	Michael Baker Jr.
224	City of Norfolk, NE	x	x	x	x	x	Mr. Mark Dolechek	Engineering Department
100	City of Northfield, MN	x	x	x	x	x	Mr. David Bennett	Public Works Department
286	City of Plymouth, MN			x	x		Mr. Jim Renneberg	Engineering Department
131	City of Richfield, MN		x	x	x		Mr. Derick Anderson	Department of Public Works
53	City of Robbinsdale, MN	x	x	x	x	x	Mr. Richard McCoy	Public Works Department
422	City of Rochester, MN	x	x	x	x	x	Mr. Russ Kelm	Department of Public Works
120	City of Roseville, MN	x	x	x	x	x	Mr. Pat Dolan	Department of Public Works
3800	City of San Antonio, TX	x	x	x	x	x	Mr. Rocky Aranda, Jr.	Streets Division, Public Works
108	City of Savage, MN	x	x	x	x	x	Ms. Jeannie Briol	Engineering Department
88	City of Shoreview, MN	x	x	x	x	x	Mr. Tom Wesolowski	Department of Public Works
83	City of St. Louis Park, MN	x	x	x	x	x	Mr. Scott Merkley	Public Works Department
71	City of West St. Paul, MN	x	x	x	x	x	Mr. Ross Beckwith	Engineering Department
243	City of Woodbury, MN	x	x	x	x	x	Mr. Tony Kutzke	Public Works Department
745	Clay County, MN		x	x	x		Mr. Dave Overbo	Highway Department
951	Columbus Consolidated Government, GA	x	x	x	x	x	Mr. Farhad AliFarhani	Department of Engineering
603	Crow Wing County, MN		x	x	x		Mr. Steve Stroschein	Highway Department
428	Dakota County, MN		x	x	x		Ms. Jodi Ulrich	Highway Department
331	Dodge County, MN		x	x	x		Ms. Jessica Brennan	Highway Department
412	Fillmore County, MN		x	x	x		Mr. John Grindeland	Highway Department
623	Freeborn County, MN		x	x	x		Mr. Dan Kenison	Highway Department
401	Goodhue County, MN		x	x	x		Mr. Greg Isakson	Highway Department
321	Grand Forks East Grand Forks MPO, ND	x	x	x	x	x	Ms. Teri Kouba	Planning Department
561	Hennepin County, MN		x	x	x		Ms. Jamie Hendrickson	Transportation Division
420	Kanabec County, MN		x	x	x		Mr. Greg Nikodym	Public Works
399	McLeod County, MN	x	x	x	x	x	Mr. John Brunkhorst	Highway Department
402	Mille Lacs County, MN		x	x	x		Mr. Bruce Cochran	Highway Department
1200	Monterrey County, CA	x	x	x	x	x	Mr. Javad Tanbakuchi	AAE Project Manager
2226	Montgomery County, TX		x	x	x		Ms. Rhonda Hovater	Communication Information Services
381	Olmsted County, MN		x	x	x		Mr. Zach Demmer	Department of Public Works
1058	Ottertail County, MN		x	x	x		Mr. Chuck Grotte	Highway Department
1469	City of Tulsa, OK Residential Network		x	x	x		Mr. Jim Hemphill	Poe & Associates, Inc.
531	City of Tulsa, OK Arterial Network		x	x	x		Mr. Jim Hemphill	Poe & Associates, Inc.
967	Polk County, MN		x	x	x		Mr. Rich Sanders	Highway Department
450	Rice County, MN		x	x	x		Mr. Jim Kollar	Highway Department
2650	San Bernardino County, CA		x	x	x		Mr. Medhat Matta	Pavement Mgmt. Department
340	Scott County, MN		x	x	x		Ms. Jeannie Briol	Highway Department
3004	St. Louis County, MN		x	x	x		Mr. Brian Boder	Highway Department
274	Wadena County, MN		x	x	x		Mr. Jeff Adolphson	Highway Department
281	Washington County, MN	x	x	x	x	x	Mr. Don Theisen	Transportation Department
380	Winona County, MN		x	x	x		Mr. Dave Kramer	Highway Department

516	Wright County, MN		x	x	x		Mr. Kevin Johnson	Highway Department
36,068	**Total in last 5 Years**							

Past Infrastructure Management Projects Done by GoodPointe Staff

- Arlington County, VA
- Beltrami County, MN
- Cook County, MN
- CAI Recon Optical, Barrington IL
- Carlton County, MN
- Chisago County, MN
- City of Apple Valley, MN
- City of Arden Hills, MN
- City of Bloomington, MN
- City of Brooklyn Center, MN
- City of Brooklyn Park, MN
- City of Burnsville, MN
- City of Cedar Falls, IA
- City of Champlin, MN
- City of Chanhassen, MN
- City of Coon Rapids, MN
- City of Cottage Grove, MN
- City of Denver, CO
- City of Donna, TX
- City of Dothan, AL
- City of Duluth, MN
- City of Eagan, MN
- City of Eden Prairie, MN
- City of Edina, MN
- City of Elk Grove, IL
- City of Evanston, IL
- City of Farmington, MN
- City of Fairmont, MN
- City of Fargo, ND
- City of Fort Wayne, IN
- City of Grand Rapids, MN
- City of Guangzhou, PRC
- City of Hopkins, MN
- City of Hutchinson, MN
- City of International Falls, MN
- City of Inver Grove Heights, MN
- City of Lake Elmo, MN
- City of Lakeville, MN
- City of Mankato, MN
- City of Maplewood, MN
- City of Medicine Lake, MN
- City of Mendota Heights, MN
- City of Menlo Park, CA
- City of Miami/Dade County, FL
- City of Minneapolis
- City of Monticello, MN
- City of Moorhead, MN
- City of Mounds View, MN
- City of Mumbai, India
- City of New Hope, MN
- City of Norfolk, NE
- City of Newark, NJ
- City of New Ulm, MN
- City of Oakdale, MN
- City of Ottumwa, IA
- City of Plymouth, MN
- City of Richfield, MN
- City of Robbinsdale, MN
- City of Rochester, MN
- City of Rosemount, MN
- City of Roseville, MN
- City of San Antonio, TX
- City of San Francisco, CA
- City of Sausalito, CA
- City of Shawnee, OK
- City of Shijiazhuang, PRC
- City of Sioux Falls, SD
- City of Shoreview, MN
- City of South Pasadena, CA
- City of St. Paul, MN
- City of Tallahassee, FL
- City of Tulsa, OK
- City of West Des Moines, IA
- City of West St. Paul, MN
- City of Woodbury, MN
- Bombay Municipal Corporation (BMC)
- Clay County, MN
- Coco Solo Hospital, Panama
- Columbus Consolidated Gov., GA
- Crow Wing County, MN
- Dakota County, MN
- Dodge County, MN
- Douglas County, NE
- El Paso County, Texas
- Fairfax County, VA
- Fillmore County, MN
- Fort Buchanan, San Juan, Puerto Rico
- Fort Clayton, Republic of Panama
- Fort Devens, Ayer, MA
- Fort Drum, Watertown, NY
- Fort Gillem, Georgia
- Fort McCoy, Sparta, WI
- Fort McPherson, GA
- Fort Meade. Baltimore MD
- Fort Sam Houston, San Antonio, TX
- Fort Stewart, GA
- Fort Story, Virginia Beach, VA
- Freeborn County, MN
- Goodhue County, MN
- Grand Forks-East Grand Forks MPO
  - City of Grand Forks, ND
  - City of East Grand Forks, MN
- Hidalgo County MPO
  - City of Alamo, TX
  - City of Edinburg, TX
  - City of McAllen, TX
  - City of Mercedes, TX
  - City of Pharr, TX
  - City of San Juan, TX
  - City of Weslaco, TX
- Hunter Army Air Field
- Kanabec County, MN
- Marine Corps Recruit Depot, SC
- McClellan Air Force Base, CA
- McLeod County, MN
- Metropolitan Airports Commission (MAC)
- Mille Lacs County, MN
- Minneapolis Park and Rec Board, MN
- Monterrey County, CA
- Montgomery County, TX
- NHAI Natl. Highways Authority of India
- Naval Air Station, Cecil Field, FL
- Naval Air Station, Ingelside, TX
- Olmsted County, MN
- Ohio Dept. of Transportation (ODOT)
- Peterson Air Force Base, CO
- Polk County, MN
- San Bernardino County, CA
- Scott County, MN
- Sherburne County, MN
- Stanford University, CA
- Steele County, MN
- St. Cloud APO
- St. Louis County, MN
- Tulsa District Corps of Eng., OK
- University of Minnesota, Minneapolis, MN
- Virginia Dept. of Transp. (VDOT)
- USMCA, Baumholder, Germany
- USMCA, Fulda, Germany
- USMCA, Goppingen, Germany
- USMCA, Hanau, Germany
- Ventura County, CA
- Village of Highland Park, IL
- Village of Inverness, IL
- Village of St. Anthony, MN
- Wadena County, MN
- Washington County, MN
- Winona County, MN