

Iowa DOT, Local Systems Bureau E-Construction Update:

Appia® Implementation for All Agencies

Local Systems continues to work with industry partners as we move forward with technology advancements with our Local Systems Bureau mission in mind.

“Serve and support transportation partners in the funding, development, and implementation of their projects to assist with compliance of state and federal policies and procedures. Through collaboration, the Local Systems Bureau strives to enhance the safety, quality, and growth of infrastructure in Iowa.”

Appia®: Appia® is a web-based, Infotech® application used for construction administration and inspection. Appia® is meant to replace paper field books and binders and aids LPAs in assembling and managing daily reports (diaries), tracking and recording quantities, tracking contract time charges, assembling and implementing change orders, and creating payment vouchers. Appia® has been required for all County projects let at Iowa DOT since the April 2022 letting. **Appia® will be required for all City projects let at Iowa DOT in April 2025 or later.**

Appia® Basics in Iowa:

- All cities and counties are covered under the Iowa DOT statewide licensing agreement with Infotech®. Consultants must purchase their own Appia® licenses, even when working on Iowa DOT administered projects for LPAs.
- Appia® can be used on both locally funded and DOT-funded projects, regardless of letting location. There is no additional charge to the LPA for use on local projects.
- Iowa DOT supplies a .json file for DOT-let projects to simplify contract setup.
- Local Systems offers free Trainings for LPAs and Consultants. Once known, dates and locations will be advertised through GovDelivery mailings and listed on our [website](#).
- See Local Systems Doc Express® & Appia® [Website](#) for other resources and references

Appia® User Benefits:

- Appia® users can set up report header templates for internal use with agency letterhead.
- Appia® offers a query builder function along with custom reports that export into excel.
- Appia® eliminates the need to manually set up pay estimates, as contract quantities, bid prices, and funding categories are part of the .json file provided for DOT-let projects.
- Appia® includes an automated “balancing” change order to eliminate manual balancing prior to closing out a contract, minimizing human error and reducing process time.
- Appia® includes several standard payment report options, reducing rounding errors and manual spreadsheet tracking often used when submitting reimbursement requests.
- Appia® opens up additional opportunities for streamlining as Infotech makes advancements and Local Systems continues their efforts to simplify processes and leverage technology.
- While still new, Appia® is expanding opportunities to utilize GPS and API exports.
- Appia® offers Mobile Inspector, a field application that does not require internet access.
- Local Systems provides detailed instructions written specifically to reflect Iowa processes on our [website](#).
- Easily accessible, responsive support team provided by Infotech®.