Technology Spotlight Webinar
Coordinate PA: The Next Generation of Utility Coordination

November 5, 2019 – 1:00pm Eastern
Webinar Instructions

All attendees are in listen-only mode.

Click “hand raise” icon to ask a question verbally during Q&A session. Ensure you have entered your audio pin.

Click “?” to submit a written question.
Webinar Instructions

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  Senior Liaison Representative

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  UtiliQuest
  Client Solutions Director

Common Ground Alliance
• Steve Blaney, DIRT Program Manager
• Erika Lee, Vice President
• Sarah Magruder Lyle, President
Pennsylvania One Call System, Inc.
Coordinate PA

The Next Generation of Utility Coordination
Current Utility Coordination

Face-to-face meetings
Spreadsheets
Paper plans
3,864 Coordinate PA Projects (Green dots)
24 Coordinating Committees (Red pins)
as of 8/31/19
A Better Approach
Share projects online through a web-based and map-based secure repository.
Coordinate PA Benefits
Coordinate PA Benefits:

- Define projects with a tool inside a web browser
- No special software is required
- Document project records in a secure repository
Coordinate PA Benefits:

• Gather information from and disseminate information to a broader range of stakeholders beyond project planners and public work officials
Coordinate PA Benefits:

- Identify project collaboration opportunities
- Coordinate and collaborate projects outside your scope of responsibility
- Save money for all parties
- Improve the level of service to constituents
Coordinate PA Benefits:

- Project status and updates in near real time
- A common map base
How to Use
Step 1

Access the System

- Pennsylvania 811 stakeholders with a valid user id on the [www.paonecall.org](http://www.paonecall.org) website have access to Coordinate PA.
- The authorized user needs to be familiar with Web Ticket Entry—a web-based tool to enter design and routine one call notifications.
Add a Project

A new project is entered in the system.
Step 2

Entering Projects in the System

Project information includes:

- geographic scope of the project details
- project owner
- facility type
- work type
- status
- estimated project start
- estimated project end
- estimated bid let date
Create a New Project

Use the POLYGON TOOL to select the project boundary.

Add CONTACT INFORMATION within the project.
Adding Project Phases

• If project phases are known, **adding the phases** (with dates) **increases the opportunity** that a portion of the project can intersect with another project, increasing the probability that coordination can occur.
5 different base maps allow you to view projects.
Making the Project Public

- A **public project** in Coordinate PA means that all users have visibility to the project.
- Opportunities to **collaborate between projects** are only available if the projects are **public**.
Step 5

Querying the Map for Opportunities to Collaborate

- Users can **search the map** of Pennsylvania **for projects**
- Map zoom is intelligent
- **Panning and zooming** within Pennsylvania automatically updates the list of users and public projects within the bounds of the map
Project List

List of Projects. Users can narrow the list by attributes.
Generating One Call Tickets

- One of Coordinate PA’s strengths is the ability to *easily comply* with PA Act 287 of 1974, as amended
Complex Ticket
Complex Ticket
Complex Ticket

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Projects by Facility Type
Projects in Pennsylvania

Projects in Pennsylvania, by Facility Type, by Date

Pennsylvania State Map
Projects by Facility Type on January 22, 2019
(Compiled from PA 811’s Coordinate PA System)
Projects in Allegheny County

Projects by Facility Type on January 22, 2019
(Compiled from PA 811’s Coordinate PA System)

A closer look by County
Projects in Lehigh County

Can view individual public projects
You Choose Who Sees Your Projects

Private
- Coordinate your project

Public
- Coordinate your project
- Coordinate with other projects
Everything is Online!

<table>
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<tr>
<th>Before Coordinate PA</th>
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<tr>
<td>Face-to-face meetings</td>
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<td>Spreadsheets</td>
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<td>Paper plans</td>
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It’s a Free Service!
(for all PA One Call members)
Complex Project Tickets

A different way to think about excavation.

www.paonecall.org
Complex Project

Complex Project means an excavation project that involves more than properly can be described in a single locate request or any project designated as such by the excavator or facility owner as a consequence of its complexity or its potential to cause significant disruption to lines or facilities and the public, including excavations that require scheduling locates over an extended time frame.
Designers

The designer *creates a project* within the Coordinate PA (CPA):

a) Includes Project Description and proposed timeline
b) Uploads drawings
Final Design

Depending on the timeline of the project, the designer creates a Final Design notification ticket via the CPA project.
Construction Phase

When the project moves to construction phase, the project owner or designer assigns access rights to the excavator for the phases of the project in which they are involved.
Excavators

Act 50, Section 5(3)

In a complex project or if an excavator intends to perform work at multiple work sites or over a large area, to take reasonable steps to work with facility owners, including scheduling and conducting a preconstruction meeting, so that they may locate their facilities at a time reasonably in advance of the actual start of excavation or demolition work for each phase of the work.

When a project exists in Coordinate PA (CPA):
The excavator creates a complex project notification ticket from within the CPA project, and indicates a preconstruction meeting is requested.
Excavators

Within 90-days of the pre-construction meeting the excavator shall provide the routine excavation notification.

Additional tickets shall be consistent with the agreements reached at the pre-construction meeting, when such a meeting is called.
Excavators

When a **complex project does not exist** in Coordinate PA (CPA):

The excavator creates a **project description within CPA**, then creates a complex project notification ticket from within the CPA project, and indicates a preconstruction meeting is requested.
Option 1

When the excavator requests a preconstruction meeting:

a) The excavator establishes the date, time and place of meeting in close proximity to the project work location.

b) The excavator is responsible for notifying the project owner and the designer of the meeting.
Option 2

When the excavator states the meeting is not necessary and if an individual facility owner wishes to have a meeting:

a) A facility owner requests a meeting by sending respond code 092 (Requests Meeting) through POCS KARL system

b) This notice must be made prior to the third business day from the complex project notification
Option 2

The facility owner must then contact the excavator to schedule a meeting:

a) To establish the date, time, and the place of meeting in close proximity to the project work location.

b) The meeting must be held prior to the **seventh business day** from the complex project notification.
Meeting Protocol

All involved parties (designer, project owner, excavator, facility owner) are **required** to attend the meeting.

At the meeting the parties shall agree upon their individual obligations consistent with the project.
Meeting Protocol

The entire scope of the project must be defined at the meeting.

Detail on phases should be defined as much as possible.
Meeting Protocol

Agreement on the scope of tickets will be left to the parties attending the preconstruction meeting.

Updates to the project must be completed from within the CPA project.
Meeting Protocol

If a facility owner cannot agree to the proposed locate schedule, everyone must work to find a schedule that the one facility owner can agree to.

If no agreement can be reached, the excavator must create single excavation notifications, from within the project, for the areas where the dissenting facility owner operates lines.
Meeting Protocol

If an involved party fails to attend the meeting, the excavator may proceed according to the agreement reached at the meeting.
Meeting Protocol

Meeting notes shall be taken by the excavator/facility owner calling the meeting.

CPA provides a template for you.

The notes shall set forth the agreements made by the parties.
Meeting Protocol

Meeting notes shall be uploaded within CPA as soon as practicable.

The excavator **must enter the meeting attendee contact information** to enable receipt of communication activity.
Meeting Protocol

If the scope of the project changes, a new complex project ticket and meeting will be required, from within the same CPA project.
Required Timeframes

A complex project requires 10-business days notice.
Required Timeframes

If the project start date is delayed more than 90 days, then a new Complex Project ticket and meeting will be required from within the same CPA project.
Additional Guidance

If an excavator creates multiple routine excavation tickets within the project inconsistent with the meeting agreement:

• The facility owner may respond 092 (requests an additional meeting) via the KARL system and reaches out to the excavator to work out the locate schedule
Additional Guidance

In the event an involved facility owner fails to attend the pre-construction meeting due to an unforeseen emergency, the facility owner is encouraged to contact the excavator to schedule a one on one meeting.

Contact the excavator at least 3 business days prior to the first lawful start date of the first routine excavation ticket.
Additional Guidance

If a party disagrees with the posted minutes, they can communicate back to the excavator through the communication tool within CPA.
Questions

All attendees are in listen-only mode.

Click “hand raise” icon to ask a question verbally during Q&A session. Ensure you have entered your audio pin.

Click “?” to submit a written question.
Where to find CGA resources?
Annual Technology Report

Technology Advancements and Gaps in Underground Safety 2019

Monday, June 17, 2019
This year, the Technology and Gaps in Underground Safety report has a few changes. While last year we received many contributions through our web form, in 2019 we proactively reached out to several drivers and users of technology to provide insight through ground-breaking field case studies. We maintain a list of gaps in damage prevention that we feel technology may one day fill and a section identifying existing damage prevention technologies.

One of the most exciting additions this year is a section focusing on technological advancements that may one day address specific root causes of underground damages identified in the CGA DIRT reports. The committee feels that this may be key to our industry’s effectiveness in reducing damages.
Describe the technology

What technology category does your submission fall into? *
- Locating
- Excavation
- GPS/Digital Mapping/GIS
- Predictive Analytics/Risk Assessment

To select multiple options, hold down the Ctrl key while selecting options.

Provide a short title or name for the technology submission *

Describe how the technology has been used or could be used, or the challenge that could be eliminated by new or improved technology. *
Active CGA Participation

Join a committee today!

• Data Reporting & Evaluation
• Best Practices
• Educational Programs and Marketing
• Stakeholder Advocacy
• Technology Committee
• One Call Systems International

Become an Active CGA Committee Participant
Contact us at 703-836-1709 or email support@commongroundalliance.com.
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• Sarah Magruder Lyle, President
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Thank you!

Webinar recording and presentation will be posted to: Commongroundalliance.com/webinars