



Streamline 811 Utility Locate Tickets and Fieldwork

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President - BlueReview

www.blureview.net

Overview

- Challenges for Water Utilities
- Extend the ArcGIS Platform
- Mobile Solution: BlueReview + ArcGIS Online
- Case Studies

*It was a typical Friday
afternoon...*

1000 West Sewer Main



1000 West Water Line & Sewer Main



Challenge: Legal Requirements

(8) An excavator may begin excavation if:

located; and marked; or the **operators**

have indicated that there are no

underground facilities within the

proposed excavation site; or 48 hours

have elapsed from the time of initial

notice; and the excavator has not: **been**

notified by the operator;



**Know what's below.
Call before you dig.**

Challenge: Documentation



Challenge: Efficiency



COST

EFFICIENCY

QUALITY

“ We are absolutely satisfied with BlueReview. Using BlueReview roughly saves us about 25% of a full-time equivalent—and more like 50% during the busy summer months.”



-Dal Wayment
South Davis Sewer District

Challenge: Liability

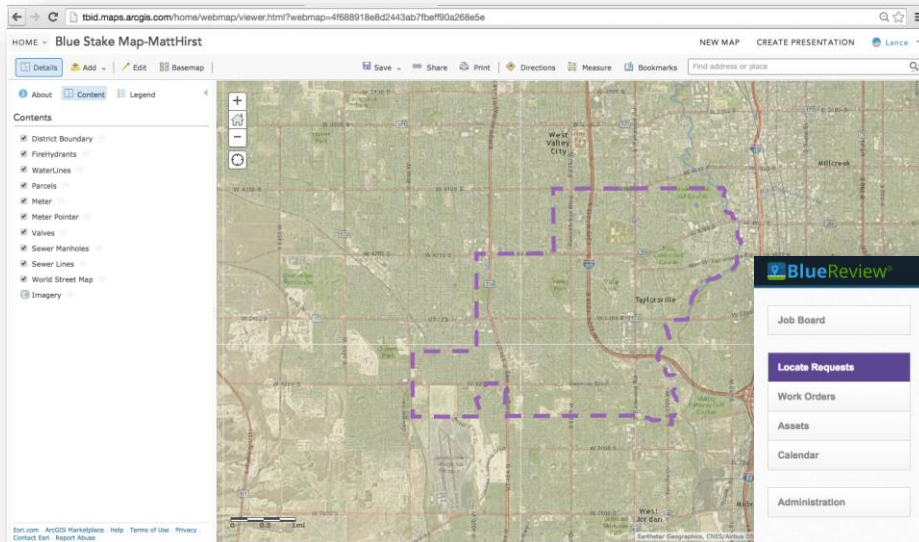
“ We recently had a contractor call in with a dispute. BlueReview saved us all kinds of time and money because we had records with a photo, time-stamp, and GPS location.”



-Kenton Moffitt, PE
Ogden City Water, UT

Solution: Extend the ArcGIS Platform

BlueReview +
 ArcGIS Online



Ticket	Due date	Type	Work Type	Address	Assigned to	
1	A20460214	12/17/14 11:19 AM	NEW : EMERGENCY LOCATE REQUEST	PHONE CABLE REPAIR/REPLACE	84 Georgia Rd., TAYLORSVILLE	
2	A20520416	12/18/14 9:20 AM	NEW : NORMAL LOCATE REQUEST	CABLE SERV LN INSTL	19 New Mexico Rd., TAYLORSVILLE	
3	A20520416	12/18/14 9:20 AM	NEW : NORMAL LOCATE REQUEST	CABLE SERV LN INSTL	58 Iowa Rd., TAYLORSVILLE	
4	A20530255	12/18/14 9:20 AM	UPDATE : NORMAL LOCATE REQUEST	PLACE PHONE	39 Mississippi Cr., TAYLORSVILLE	Matt Hirst

Solution: ArcGIS Online Integration

The image shows a web browser window displaying the BlueReview Job Board interface. A modal sign-in window from ArcGIS Online is overlaid on top. The BlueReview interface includes a navigation menu on the left with options like 'Job Board', 'Locate Requests', 'Work Orders', 'Assets', 'Calendar', and 'Administration'. The main content area shows a 'JOB BOARD' section with a list of job requests and a table of locations assigned to 'Matt Hirst'.

BlueReview Job Board Navigation:

- Job Board
- Locate Requests
- Work Orders
- Assets
- Calendar
- Administration

Job Board List:

	Name
1	A20530255
2	C20470089
3	C20480195
4	C20480301
5	A20530079
6	A20530133

Assigned Locations Table:

Location	Assigned to
47 Tennessee St., TAYLORSVILLE	Matt Hirst
51 Rhode Island Cir., TAYLORSVILLE	Matt Hirst
56 West Virginia St., WEST JORDAN	
69 Florida Cir., TAYLORSVILLE	Matt Hirst
54 Rhode Island Ave., WEST JORDAN	
97 North Carolina Pl., WEST VALLEY	

ArcGIS Online Sign In Modal:

BlueReview wants to access your account information

Sign In esri

Username


Password

SIGN IN

CANCEL

[Forgot username or password?](#)
[Sign in with your enterprise login](#)

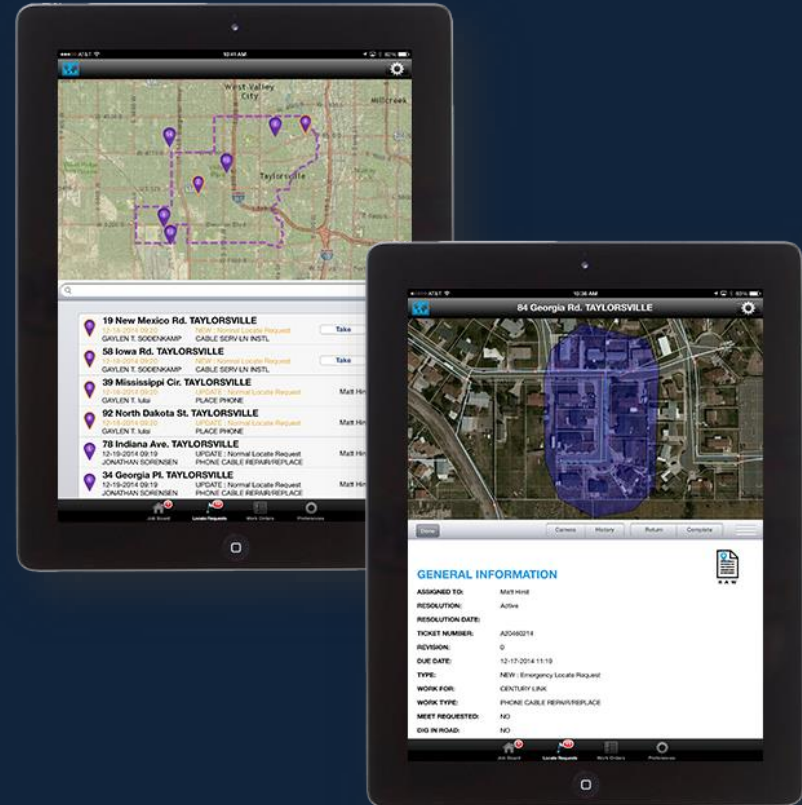
BlueReview developed by:



BlueReview

Solution: BlueReview

- Mobile
- 811 Locate Requests
- Work Management
- Reporting
- Esri® Integration
- Cityworks® Integration



Solution: ArcGIS Online + BlueReview

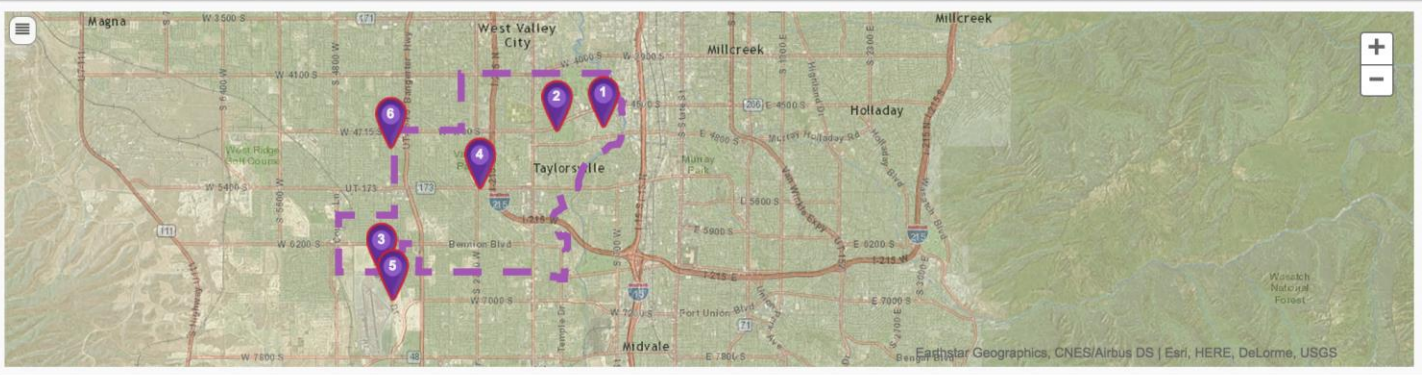
← → ↻ 🏠 <https://app.blureview.net/#/> ☆ 🔍 ☰

BlueReview 🔄 Matt Hirst

Home

JOB BOARD

Locate Requests
Work Orders
Assets
Calendar
Administration



6 results.

	Name	Due date	Type / Priority	Location	Assigned to
1	A20530255	2/6/15 9:13 AM	NORMAL LOCATE REQUEST	47 Tennessee St., TAYLORSVILLE	Matt Hirst
2	C20470089	2/9/15 9:13 AM	NORMAL LOCATE REQUEST	51 Rhode Island Cir., TAYLORSVILLE	Matt Hirst
3	C20480195	2/9/15 9:13 AM	NORMAL LOCATE REQUEST	56 West Virginia St., WEST JORDAN	
4	C20480301	2/9/15 9:13 AM	NORMAL LOCATE REQUEST	69 Florida Cir., TAYLORSVILLE	Matt Hirst
5	A20530079	2/9/15 9:13 AM	NORMAL LOCATE REQUEST	54 Rhode Island Ave., WEST JORDAN	
6	A20530133	2/9/15 9:13 AM	NORMAL LOCATE REQUEST	97 North Carolina Pl., WEST VALLEY	

Solution: ArcGIS Online + BlueReview

Browser address bar: <https://app.blureview.net/#/locate-requests/288303>

BlueReview logo | Matt Hirst

Home > Locate requests > 288303

Job Board

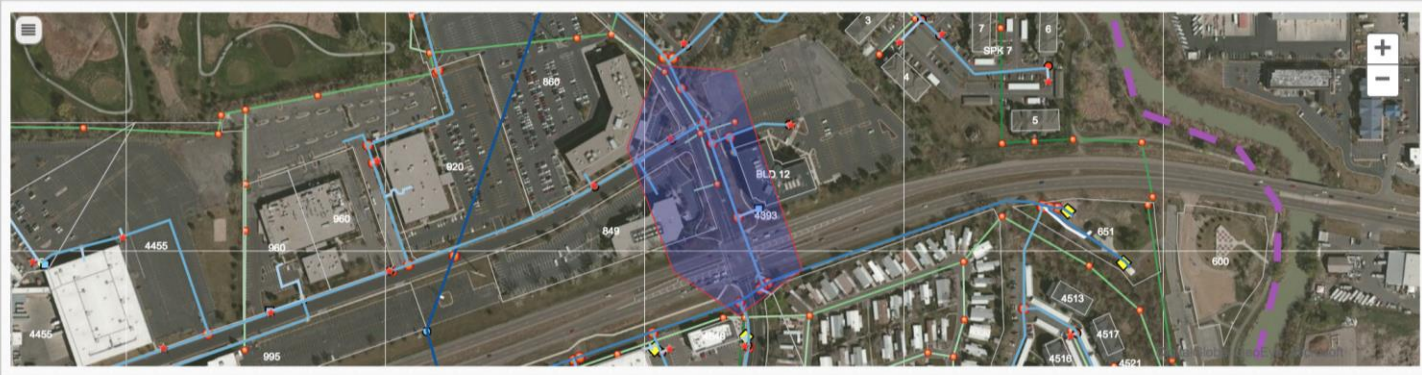
Locate Requests

Work Orders

Assets

Calendar

Administration



A20530255 COMPLETE... RETURN

GENERAL INFORMATION

ASSIGNED TO:

ID: 288303

RESOLUTION: Active

TICKET NUMBER: A20530255

REVISION: 00A

DUE DATE: **2/6/15 9:13 AM**

TYPE: **UPDATE ; NORMAL LOCATE REQUEST**

WORK TYPE: PLACE PHONE

MEET REQUESTED: No

DIG IN ROAD: Yes

Service Side of Street: SEE LOCATE FIELD W LAVOY RD=4385 S,

LOCATION

ADDRESS: 47 Tennessee St.

PLACE: TAYLORSVILLE

SIDE OF STREET: NW

CONTACT INFORMATION

CALLER: Nancy Robinson

COMPANY: GAYLEN T. Iulai

DATE: 2/5/15 9:13 AM

PHONE: **(432) 870-6940**

EMAIL:

FAX: (934) 885-3941

Solution: Asset Management Integration

BlueReview + Cityworks®

The image displays the Cityworks software interface for managing service requests. The main window shows a 'Service Request' form with the following details:

- Description: Utility marking requests from BlueReview
- Request Id: 21822
- Category: Utility Locate Requests
- Priority: High
- Status: Open
- Initiated By: BLUEVIEW, LOCATE
- Date: 4/25/2014 5:27 PM
- Investigation:
- Emergency: WO Needed:
- Submit To: [Dropdown]
- Dispatch To: [Dropdown]
- Project Name: [Dropdown]
- Prj. Comp. Date: 4/25/2014 7:27 PM

Below the form is an 'Incident Information' section with fields for Address, Apt #, City (HERRIMAN), State, Zip Code, Landmark, Shop, Tile No, Map Page, District, and Location.

An iPad is overlaid on the map, showing a mobile view of the request. The mobile view includes a satellite map and a data card with the following information:

- Address: S FREEDOM PARK DR S ANTHEM PARK BLVD
- Request ID: A41150754
- Date: 05-02-2014 09:00
- Status: NEW: Normal Locate Request

GIS + Quality Field Data + Asset Management =
POWERFUL PLANNING & DECISION-MAKING

Case Study: Roy Water Conservancy District

- Savings: \$2,250 for 3 employees
- Reduce mileage by 2,000 mi./year
- iPad – \$800 per unit
 - No software/IT
- Laptop - \$2,100 per unit
 - Software upgrades/IT (\$\$)
 - Data risk access & loss
- Melt & Theft



Case Study: Goochland County Public Utilities

- \$12,000/yr. savings in manpower alone
- Average 45 tickets/week



Summary: Benefits

Leverage the
ArcGIS Platform and
BlueReview to
INCREASE:

- Efficiency
- Savings
- Liability Protection
- Effective Planning
- Powerful Decision-Making
- Ability to Serve the Public