

# CONSTRUCTION PROGRESS MONITORING & MANAGEMENT



PATHFINDER UAV SERVICES  
LLC

TRUST US FOR YOUR AERIAL IMAGING NEEDS

## Drone Construction Monitoring

From groundbreaking to opening day, monitoring the progress of your construction project is critical to keeping investors informed, spotting potential problems, and staying on time and within budget. For larger undertakings, such as sprawling infrastructure projects or multi-building complexes, drone construction progress monitoring is an efficient and cost-effective way to stay on top of your next project.

## What we offer

- Regular site visits
- 2D Orthomosaics
- 3D Models
- Stills and video
- Site 360 panoramas
- Edited progression videos
- Marketing media and ground stills

## Safety

At Pathfinder UAV Services safety is our number one priority. Our pilots are FAA part 107 certificate holders and abide by FAA regulations. Numerous flight checks are performed before, during and after missions. Safety briefs are held with mission crews and site personnel on every mission. Our crew will adhere to all site safety requirements of our clients.



## **CONSTRUCTION COMPANIES AND DEVELOPERS HAVE USED DRONE CONSTRUCTION PROGRESS MONITORING FOR:**

- Regularly tracking development and progress of projects.
- Ensuring site development stays on schedule and reduce costly delays.
- Creating 360 degree views of the job site.
- Conducting comprehensive safety inspections and quality assurance.
- Turning data into 2D orthos and 3D models to provide stake holders a realistic look at the project.
- Keeping track of job site inventory.
- Proactively identifying areas where structural integrity and safety may be a concern



## **DRONE-BASED CONSTRUCTION INSPECTIONS**

Construction projects typically run over budget and behind schedule, costing construction companies and stakeholders millions of dollars.

Enter drone technology.

Drones are revolutionizing the construction industry by saving time and money. Drones cover more area during inspections, collect and analyze real-time data and allow managers and stakeholders to access the data from anywhere in the world, increasing productivity and improving communication.

In fact, drones are becoming more of a norm on construction sites around the globe. They are another piece of equipment that should be a part of the process.

From pre-planning to groundbreaking to ribbon cutting, drones streamline workflows and keep all parties in direct control of construction progress.





# Construction Site Photography

## High-Resolution Visual Monitoring

Construction sites rely heavily on visual monitoring. Drones provide digital aerial capture of any angle of a project with immediate analysis that can be used for progress monitoring and to make on-the-spot decisions. Real-time site management is crucial to staying on budget and within deadline. Aerial imaging provides better visibility and access to the site resulting in more accurate reporting, quality of work and improved management.

## Improved Progress Monitoring

There is a lot of area to cover and many working parts on a construction site. Aerial footage from a drone can monitor progress, productivity and accountability. Drones allow managers to visually see why something may not be working or taking too long and to address problems before costing money or losing valuable time.

## Transparency with Stakeholders

Improve communication with stakeholders by providing them with real-time footage of the progress of their investment, even when they cannot be on site. This keeps your clients happily in the loop and allows them to understand the progress visually.

## Increase Safety

Construction sites are full of safety hazards, and injury rates are 71 percent higher than in any other industry. Drones drastically decrease the risk of injuries by eliminating the need for employees to conduct inspections in hard-to-reach or dangerous areas. Drone inspections can collect information from anywhere on site, regardless of the circumstances. For instance, after rain, inspections are necessary; however, manual inspections are dangerous due to slick and slippery situations. The inspection is either postponed, or the employee is put at risk. Both scenarios cost time and money. Drone inspections eliminate this issue.

## Save Time and Money

Drones can work quicker and more efficiently than humans. This allows construction teams to increase productivity and complete projects faster. Construction companies, builders and investors save millions of dollars in labor costs and time spent on one site.

## Benefits of Drone Photography for Marketing and Media

- Create high-quality printed materials and brochures with photographs to showcase your projects
- Update websites with new, HD images, panoramic photos and videos.
- Provide immersive marketing videos.
- Provide unique viewpoints of your work.

## Benefits of Drone Construction Progress monitoring

- Improve stakeholder communication
- Regular information and data
- Save time
- Reduce Cost
- Improve Safety



## Why Choose

### Pathfinder UAV Services LLC?

Pathfinder UAV Services combines safety, professionalism and FAA certified drone pilots with cutting-edge technology to capture the dataset you need to best meet your goals. With competitive pricing and rapid turnaround, you can feel confident that you're partnering with professionals in drone construction progress monitoring.



**PATHFINDER UAV SERVICES LLC**

803-335-4400

info@pathfinderuav.com

www.pathfinderuav.com