

# ADA Curb Ramp Compliance

## Advanced Data Acquisition and Measurement (ADAM)

...is your total solution for ADA curb ramp compliance.

Capture

Report

Analyze

Manage

Design

### Custom ADA Compliance Reports

Perform site inspections in as little as 4 minutes.

Integrates with your State specific compliance inspection forms including logo and custom measurements.

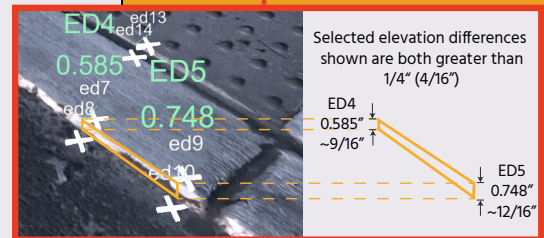
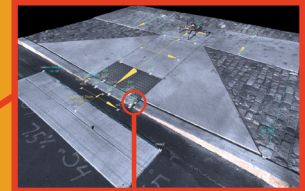
Readily populate State ADA compliance reports with consistent, reliable, accurate data.

#### Sample Custom State Form\*

Date of Investigation (yyyy mm dd)	2023	05	06
Field Investigators 1	Frank Columbo		
Field Investigators 2	Sam Spaso		
Engineering District Code	01 - District 1-0		
County Name	Rockford		
County Code (auto)	121		
Municipality Name	Springfield		
Municipality Code (auto)	113		
Construction Phase	Ex - Surveyed		
Ramp Crosses	Local Road		
Ramp Surface	Concrete		
Surface Status: Firm and Slip Resistant	Yes		
Elevation Differences > 1/4"	Yes	12	(X/16")
Grate Openings or Gaps > 1/2"	No		(X/16")
Jailies in Path of Travel	No		
Water Ponding in Path of Travel	No		
Detectable Warning Surface (DWS)	Yes		
DWS type (if applicable)	1B		
Pedestrian Crossing and Type	Yes	Single Ramp with Single Cross Walk	
Ramp at Stop or Yield Controlled Crosswalk	No		
Ramp Leads to Accessible Path	Yes		
Longitudinal Slope in Front of Ramp	0.47	%	
Cross Slope in Front of Ramp (Road Profile)	3.81	%	
Turning Maneuver in Street	No		
Turning Maneuver at Top of Ramp (Smax)	Yes		
SCMS #	N/A	High Grade	2.5 %
Intersection Ramp # of #	3	4	
Ramp Location (Use Figure Below)	1B		
Curb Ramp Type	Type 1		
North Leg	North Some	(segment)	(offset)
North Leg Desc.	St		
East Leg	Where	(segment)	(offset)
East Leg Desc.	St		
South Leg	North Some	(segment)	(offset)
South Leg Desc.	St		
West Leg	Where	(segment)	(offset)
West Leg Desc.	St		

### Non-Compliant Curb Ramp South West Corner

Elevation Differences > 1/4" Yes 12 (X/16")



### Model Analysis

ADAM combines hardware and web-based software with intuitive design and user interfaces enabling digital capture, analysis, and management of ADA infrastructure.

Results are National Institute of Standards and Technology (NIST) traceable and accurate to 0.1" (0.254cm).

Bring the site to you. No wasting money and time revisiting sites.

View and assess obstacles and technical infeasibilities.









Save model views with all selected points of measurement enabling sharing with 3rd party stakeholders, archiving, and forensic documentation and review.

#### Model Analysis Tool

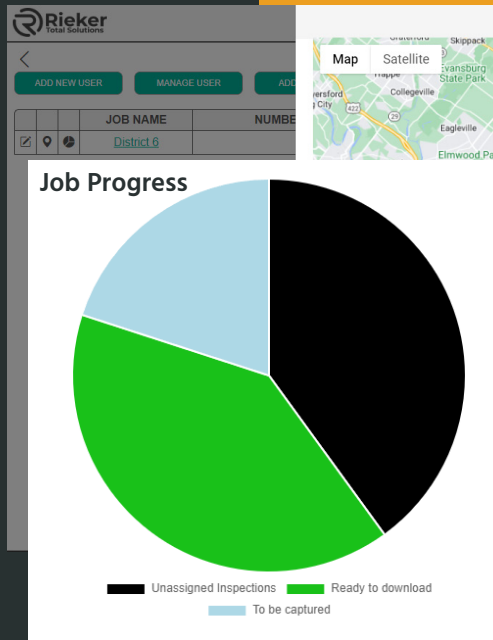
3D Digital Twin acquired using Structure from Motion & photogrammetry techniques

# Job Management

Access the secure Portal to manage and view site inspections using the Job Management tools to:

-  manage teams
-  classify jobs in groups
-  track and view job status
-  view a map of jobs or groups
-  schedule inspections with due dates
-  manage users and assign responsibility
-  download files for use in 3rd party software
-  review or get measurements using the model analysis tool (MAT)

View job progress, archive, and inventory site inspections with key attributes and annotations including GPS location.



# Design and Engineering

**ADAM** brings the site to you by providing a 3D infrastructure model, the digital twin of the physical site.

Unlike other technologies, **ADAM** records, displays, and accurately measures obstacles, technical infeasibilities, slopes, distances, and elevations.

3D Models downloadable in various formats.

LAS file export supports inches, feet, or meters in full or reduced resolution as preferred.

Convert LAS file to digital elevation maps in minutes.

Orthophotos are available if needed.

## Point Cloud



**ADAM is your Total Solution  
for curb ramp  
Safety and Accessibility**

**Rieker Rugged. Rieker Reliable.**



Visit [www.riekerinc.com/total-solutions/](http://www.riekerinc.com/total-solutions/)  
or call us today at 610-500-2000