

Modernizing Infrastructure Management with AI: How Huntington County, IN is Leveraging vialytics



Presented by:

Slater Rush- vialytics Midwest Manager

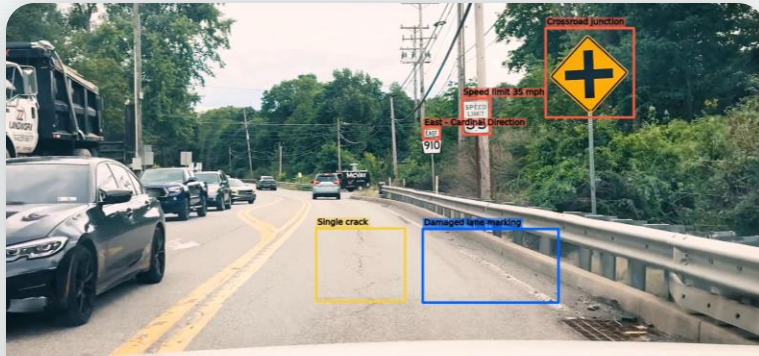
Bridgett Burkhart- Huntington County, IN
Highway Superintendent

vialytics

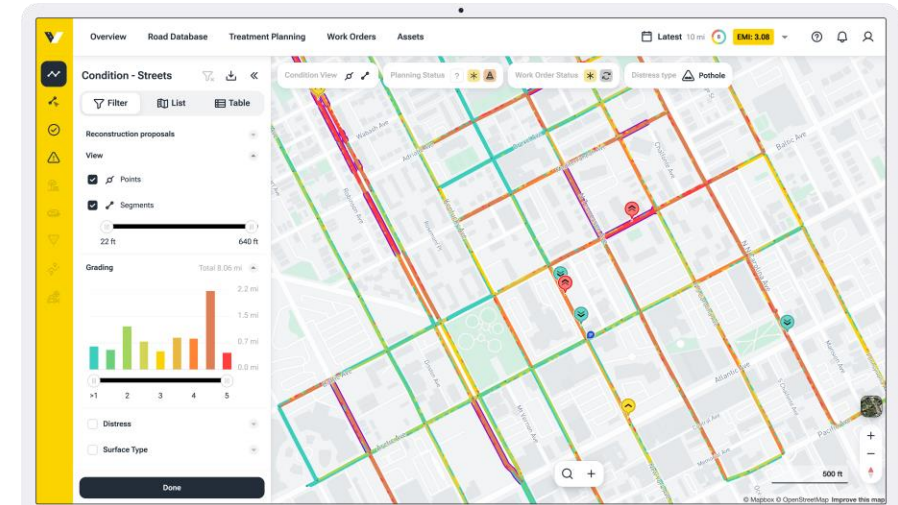
Great Road Management Has Never Been Easier



**Road data collection
in your pocket**

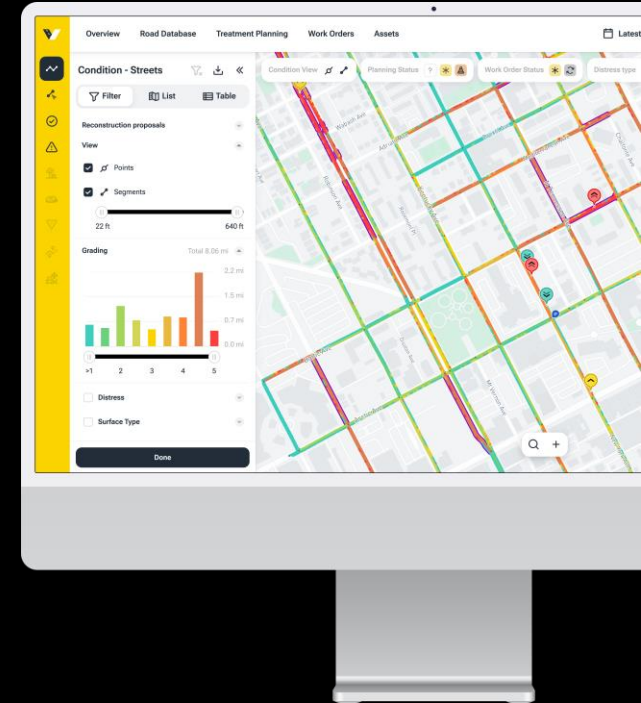
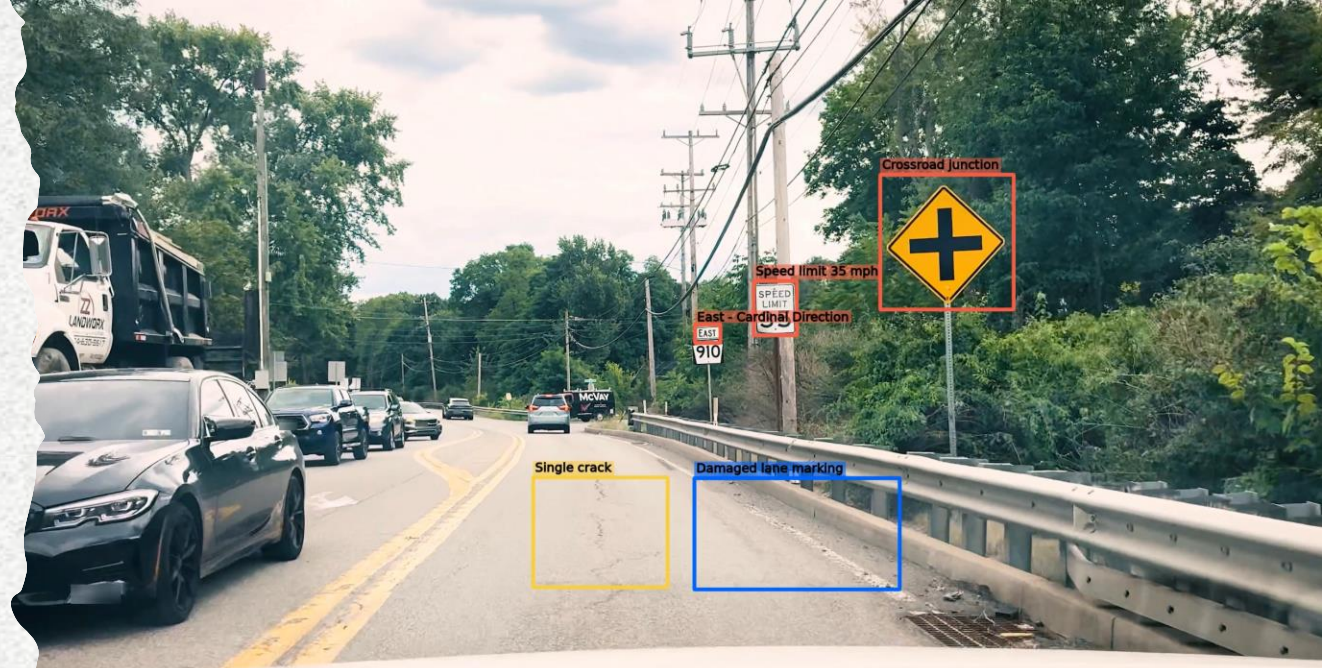


**AI-powered condition
assessment**



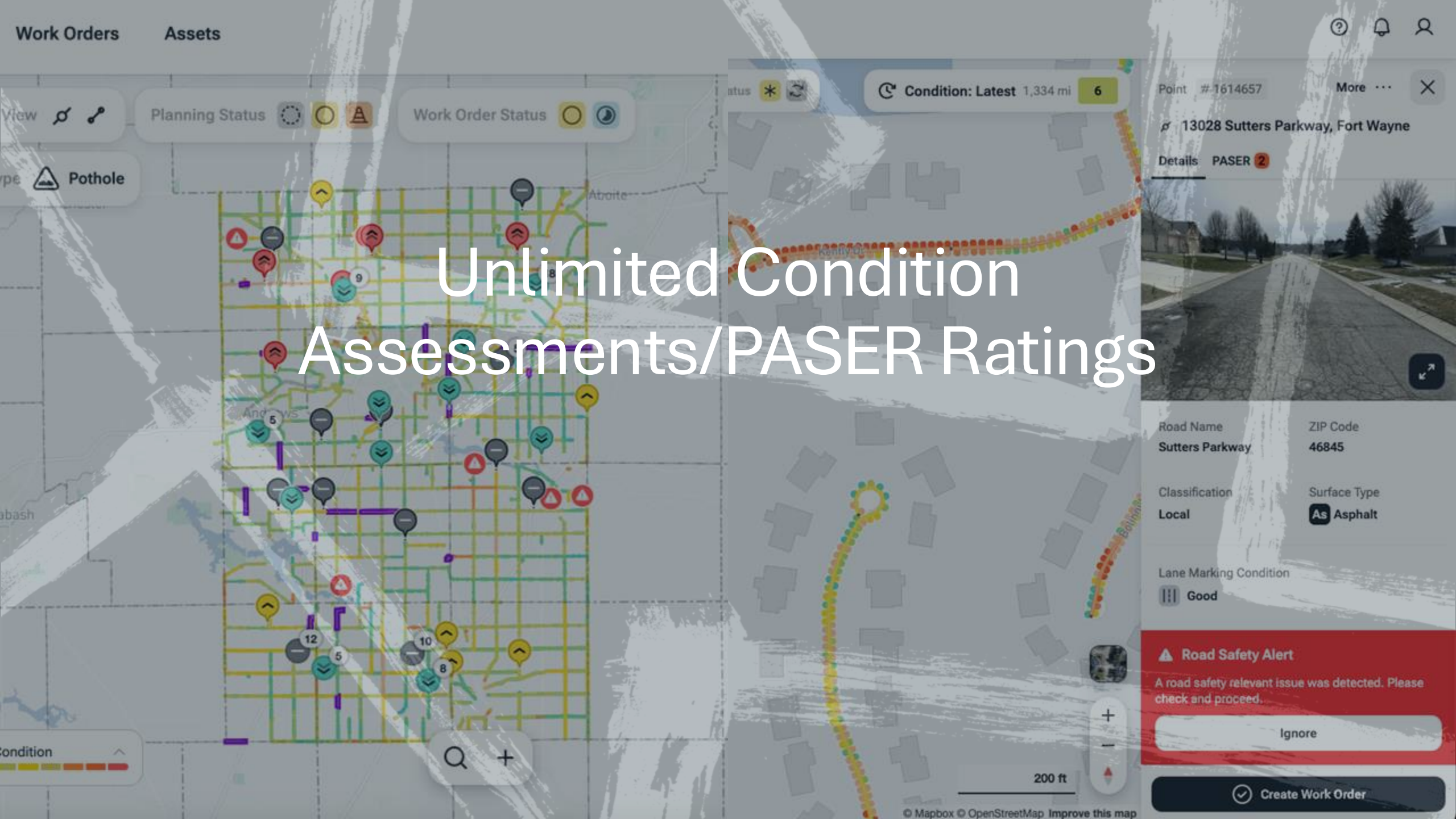
**Your digital control center for
every road insight**

Great Road/Asset Management Has Never Been Easier



How many damages can you detect?





Unlimited Condition Assessments/PASER Ratings

AI Detection of Street Signs & Conditions

OverviewRoad DatabaseTreatment PlanningWork OrdersAssets

Traffic Signs

Filter

List

Condition

☐ Hidden14

☐ Dirty325

☐ Faded2

☐ Stickered10

☐ Good4656

Type

Search by name or MUTCD code

☐ Destination signs

☐ Freeway and expressway

Condition View

Planning Status

Work Order Status

Distress type

Pothole

Traffic sign # 16026129More ...

STOP

Stop - R1-1

Details

Documents 0

Work Orders

Change

04.21.2026, 01:03 PM

North 400 West,
(40.98953, -85.52985)

Address

North 400 West, Indiana

Orientation

181° S

Condition

Faded

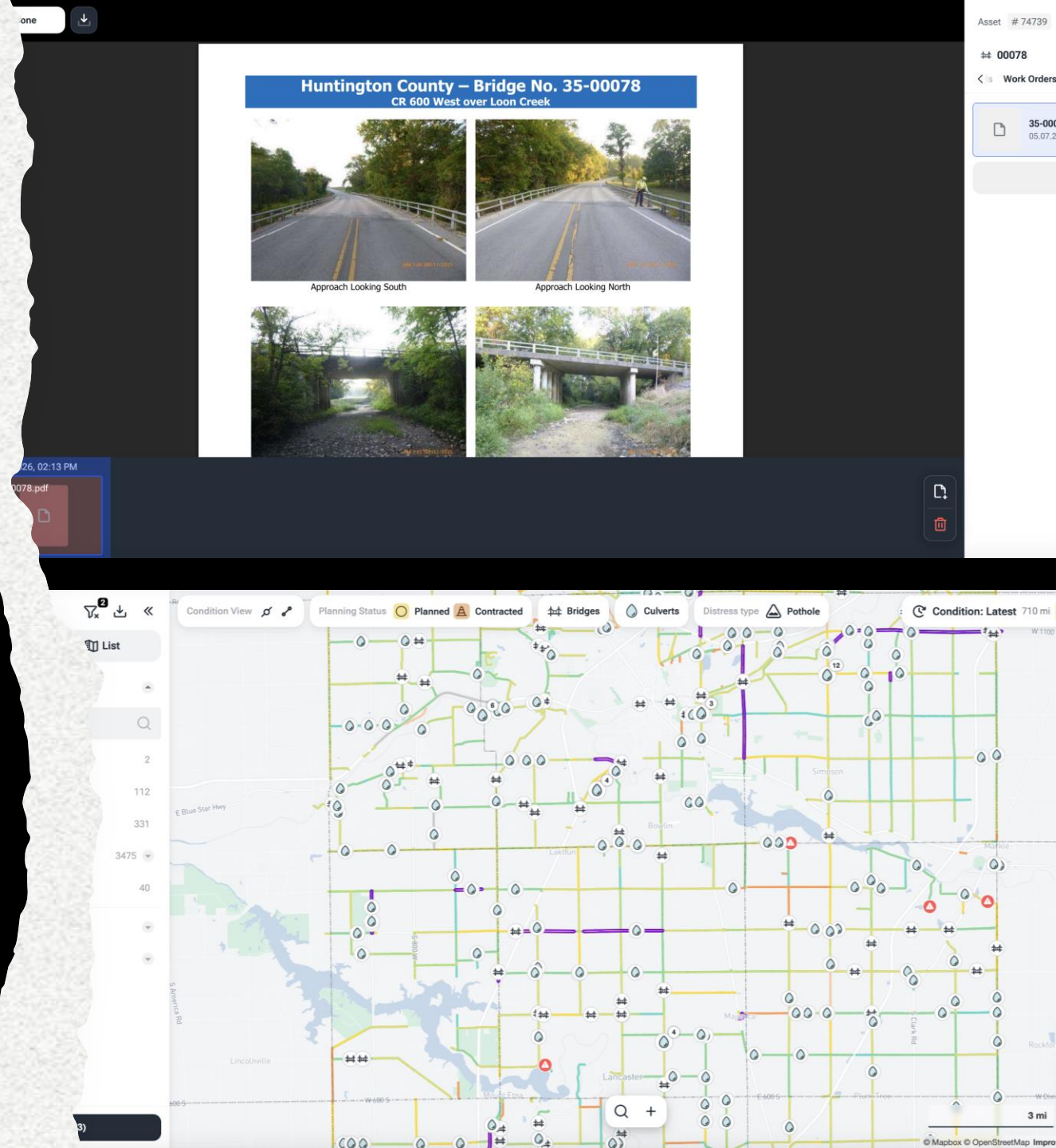
Properties

Customize properties

Create Work Order

Asset Inventories

- Keep track of all assets in one system. For example: Bridges, Small Structures, and Culverts.
- Easily add assets either by uploading existing shapefiles or directly through the vialytics To-Do app while in the field.
- Attach Inspection reports.
- Attach work orders to any asset to document maintenance.





📅 04.20.2026, 12:45 PM 📍 40.80209, -85.6

Work Order Type

Pipe work

Status



Done
(04.23.26)

Priority



High

Address

1853 South 900 West, Andrews, Indiana 46702

Assignee



Due date

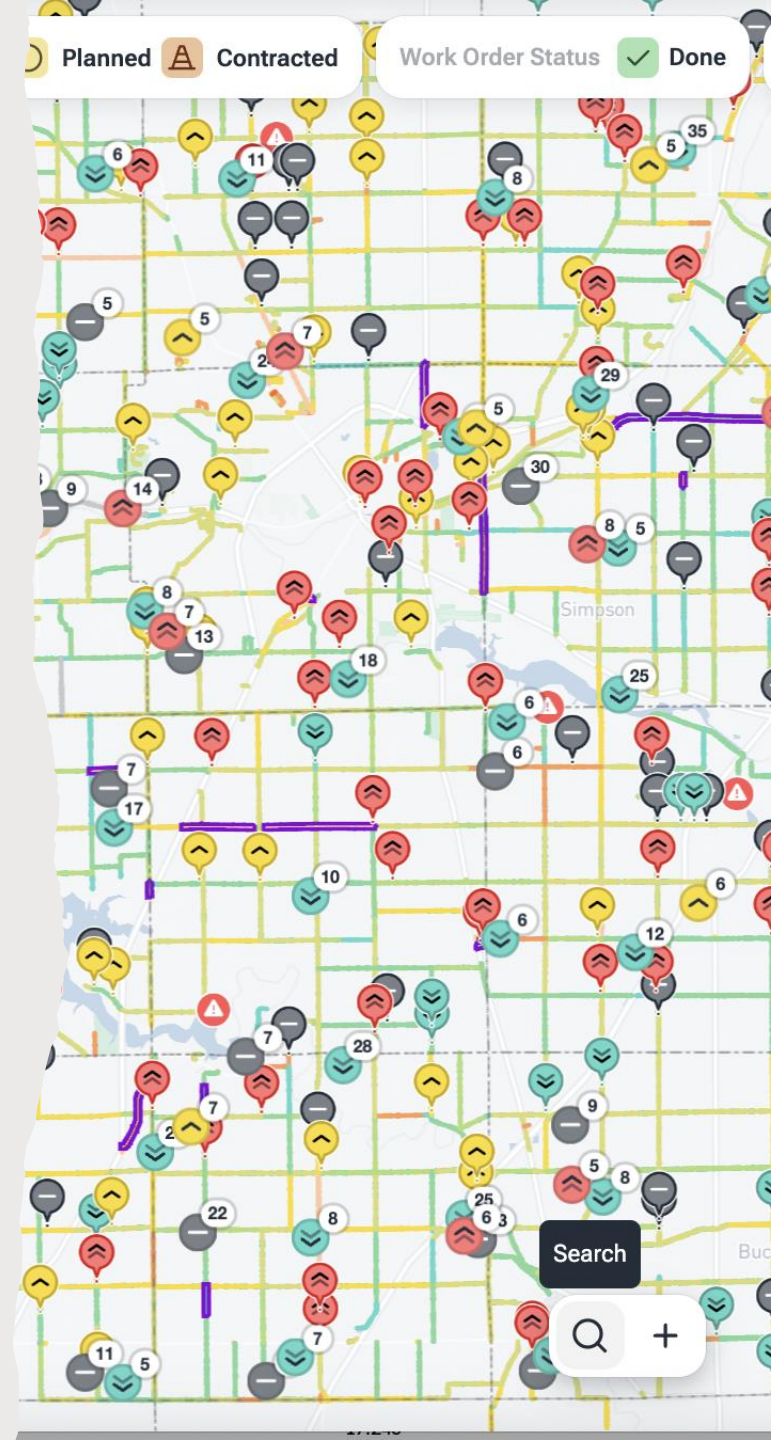


Not specified

Description

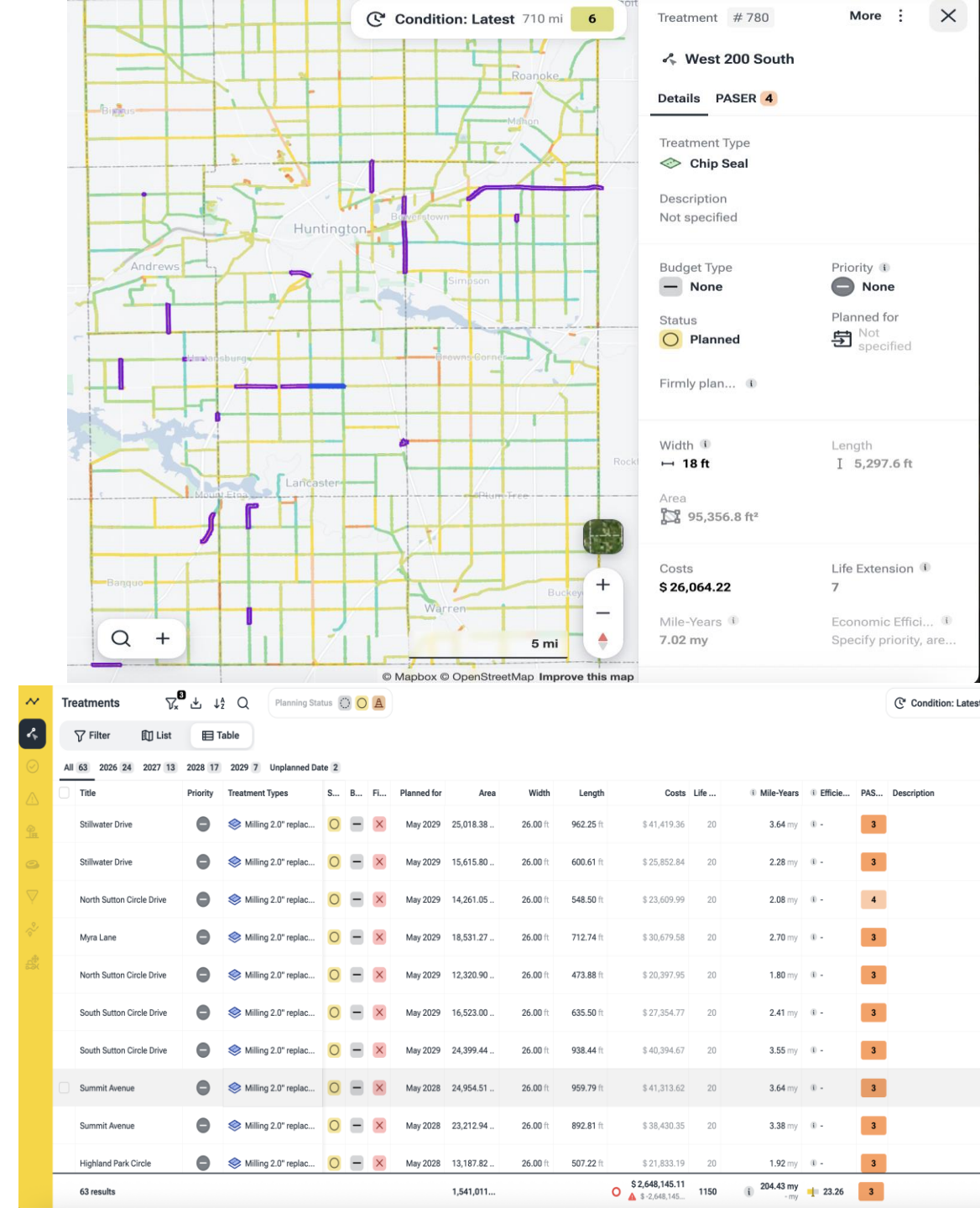
Day to Day Work Order Management

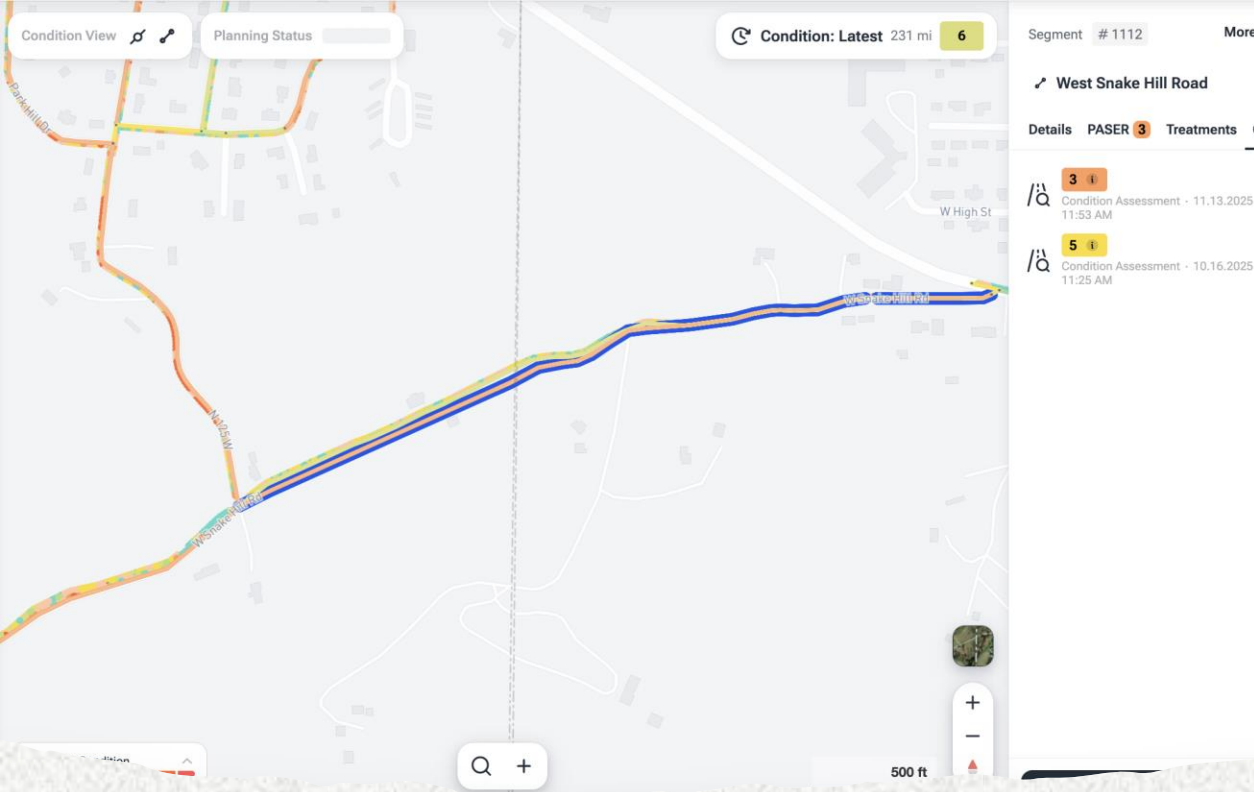
- Create, assign, and complete work orders from anywhere using the mobile app.
- Fully customizable work order types to keep track of any work/maintenance being completed.
- Run reports for any completed work orders. For Example: How many potholes did we fill in April.



Treatment Planning/Budgeting

- Plan segments with treatment type. For example, chip seal list or crack sealing plan.
- Ability to collaborate with consultants/engineers on planning projects.
- Build three to five year plans with cost estimates.
- Maintain history of previously completed treatments.
- Track the performance of those treatments with ongoing assessments.





Monitor Unofficial Detours

- State closes bridge or road and reroutes traffic down county roads.
- Causes increased deterioration due to increased traffic.
- Track degradation and provide defensible data to get a reimbursement for repairs.

Questions?



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