Virtual Brew:
Mornings with AI

FDC Maps: Optimizing Your Survey Experience

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Product Manager

What are we trying to Accomplish?

Use Case: As a user, I need to be able to send my facilities with the correct data and survey fields in an efficient order to FDC, so that I can optimize my survey experience by taking full advantage of FDC mapping and navigation capabilities

Steps to Optimize Your Maps in FDC

1. Survey Setup to Optimize Maps
   - Field/Prompt Setup
2. Custom Routes –Survey Manager/FDC
3. Key Features in FDC Maps
   - Missing Sites
   - Zoom to Extend
   - Pin Navigation
4. Survey Navigation features
   - Turn-by-Turn Directions
   - Bearing to Distance
5. Q&A

F2f2f2

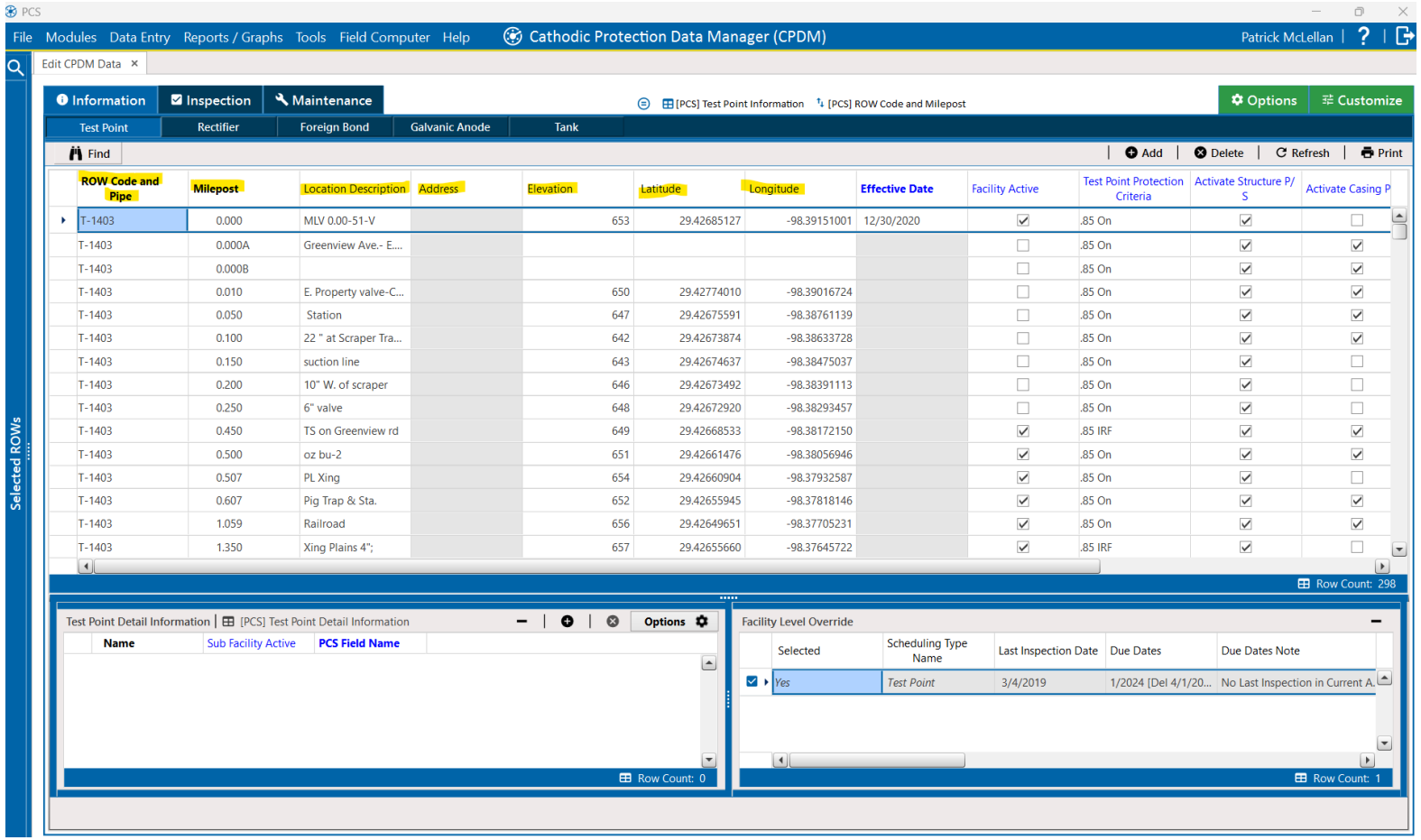
PCS: Survey Setup To Optimize Maps

Facility Information Fields

- Row Code/Pipe
- Milepost
- Location Description
- Address

Facility Information GPS Fields

- Elevation
- Latitude
- Longitude



ROW Code and Pipe	Milepost	Location Description	Address	Elevation	Latitude	Longitude	Effective Date	Facility Active	Test Point Protection Criteria	Activate Structure P/S	Activate Casing P
T-1403	0.000	MLV 0.00-51-V		653	29.42685127	-98.39151001	12/30/2020	☑	.85 On	☑	☐
T-1403	0.000A	Greenview Ave.- E....						☐	.85 On	☑	☑
T-1403	0.000B							☐	.85 On	☑	☑
T-1403	0.010	E. Property valve-C...		650	29.42774010	-98.39016724		☐	.85 On	☑	☑
T-1403	0.050	Station		647	29.42675591	-98.38761139		☐	.85 On	☑	☑
T-1403	0.100	22 " at Scraper Tra...		642	29.42673874	-98.38633728		☐	.85 On	☑	☑
T-1403	0.150	suction line		643	29.42674637	-98.38475037		☐	.85 On	☑	☐
T-1403	0.200	10" W. of scraper		646	29.42673492	-98.38391113		☐	.85 On	☑	☐
T-1403	0.250	6" valve		648	29.42672920	-98.38293457		☐	.85 On	☑	☐
T-1403	0.450	TS on Greenview rd		649	29.42668533	-98.38172150		☑	.85 IRF	☑	☑
T-1403	0.500	oz bu-2		651	29.42661476	-98.38056946		☑	.85 On	☑	☑
T-1403	0.507	PL Xing		654	29.42660904	-98.37932587		☑	.85 On	☑	☐
T-1403	0.607	Pig Trap & Sta.		652	29.42655945	-98.37818146		☑	.85 On	☑	☑
T-1403	1.059	Railroad		656	29.42649651	-98.37705231		☑	.85 On	☑	☑
T-1403	1.350	Xing Plains 4";		657	29.42655660	-98.37645722		☑	.85 IRF	☑	☐

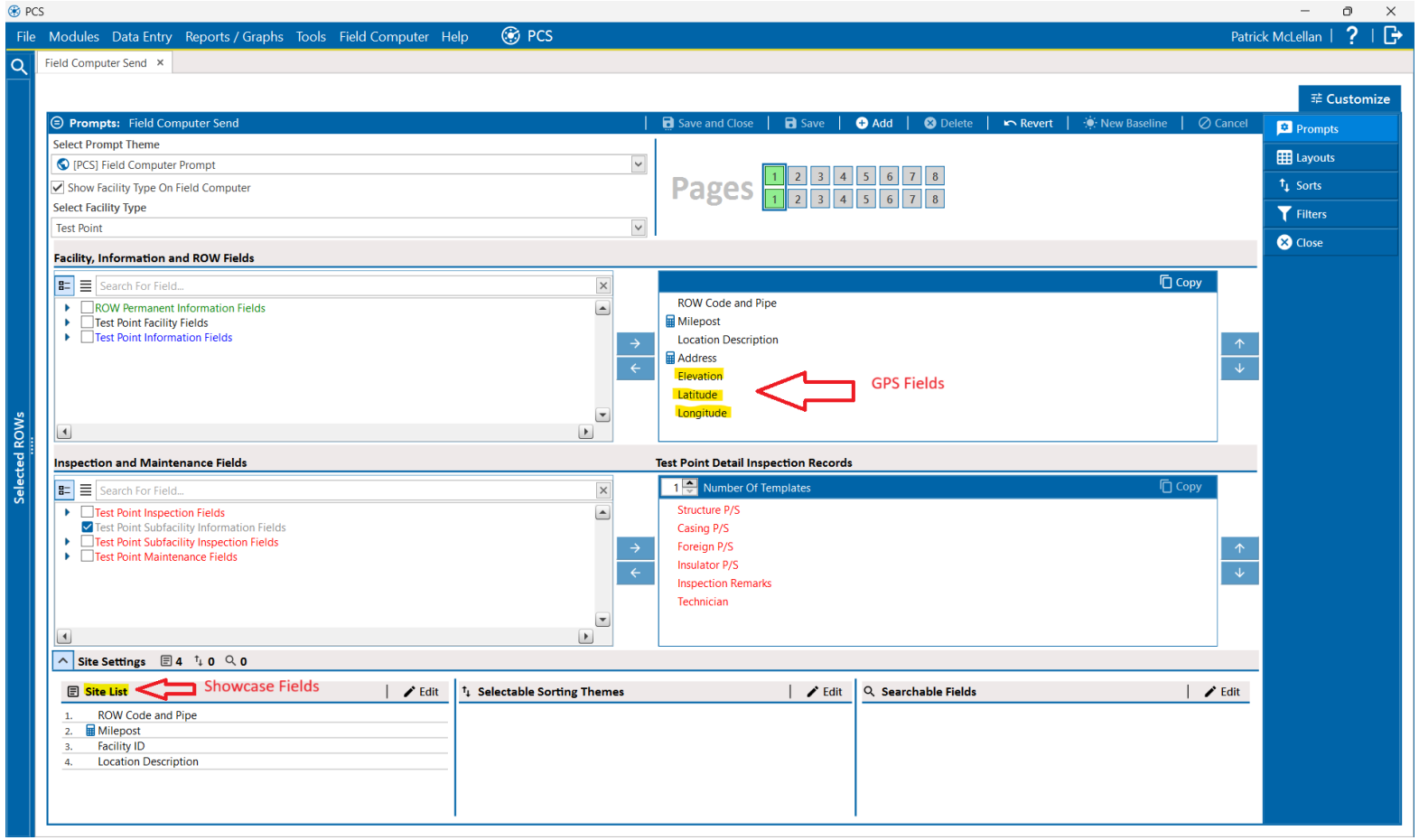
Name	Sub Facility Active	PCS Field Name

Selected	Scheduling Type Name	Last Inspection Date	Due Dates	Due Dates Note
☑ Yes	Test Point	3/4/2019	1/2024 [Del 4/1/20...	No Last Inspection in Current A.

PCS: Survey Setup To Optimize Maps

Survey Prompt Setup

- Information Fields
  - Row Code/Pipe
  - Milepost
  - Location Description
  - Address
  - Elevation F2f2f2
  - Latitude
  - Longitude
- Showcase Fields
  - Row Code/Pipe
  - Milepost
  - Location Description
  - Address

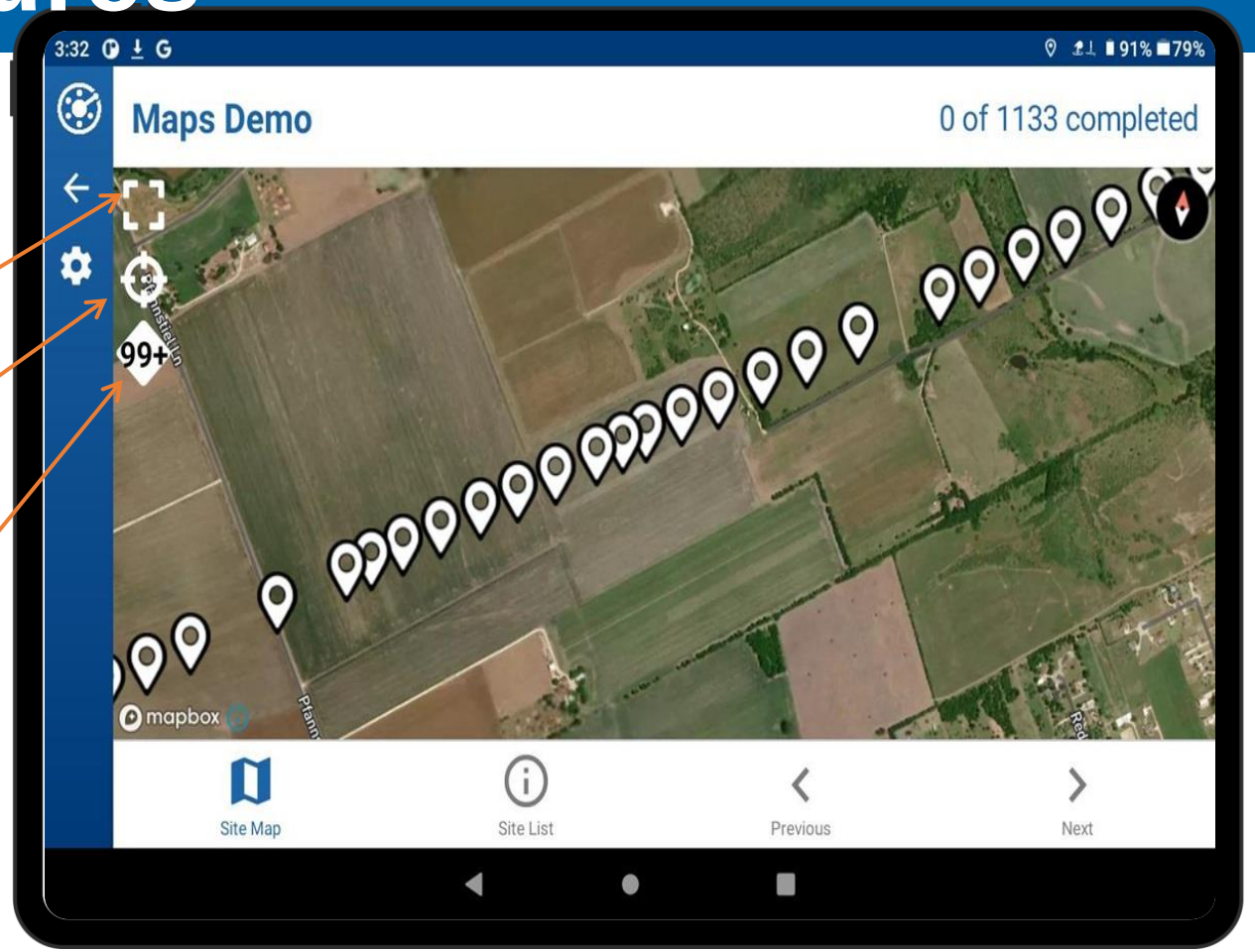


Survey Manager: Custom Routes

- Map selection of sites for custom routes
- Survey creation based on map selection

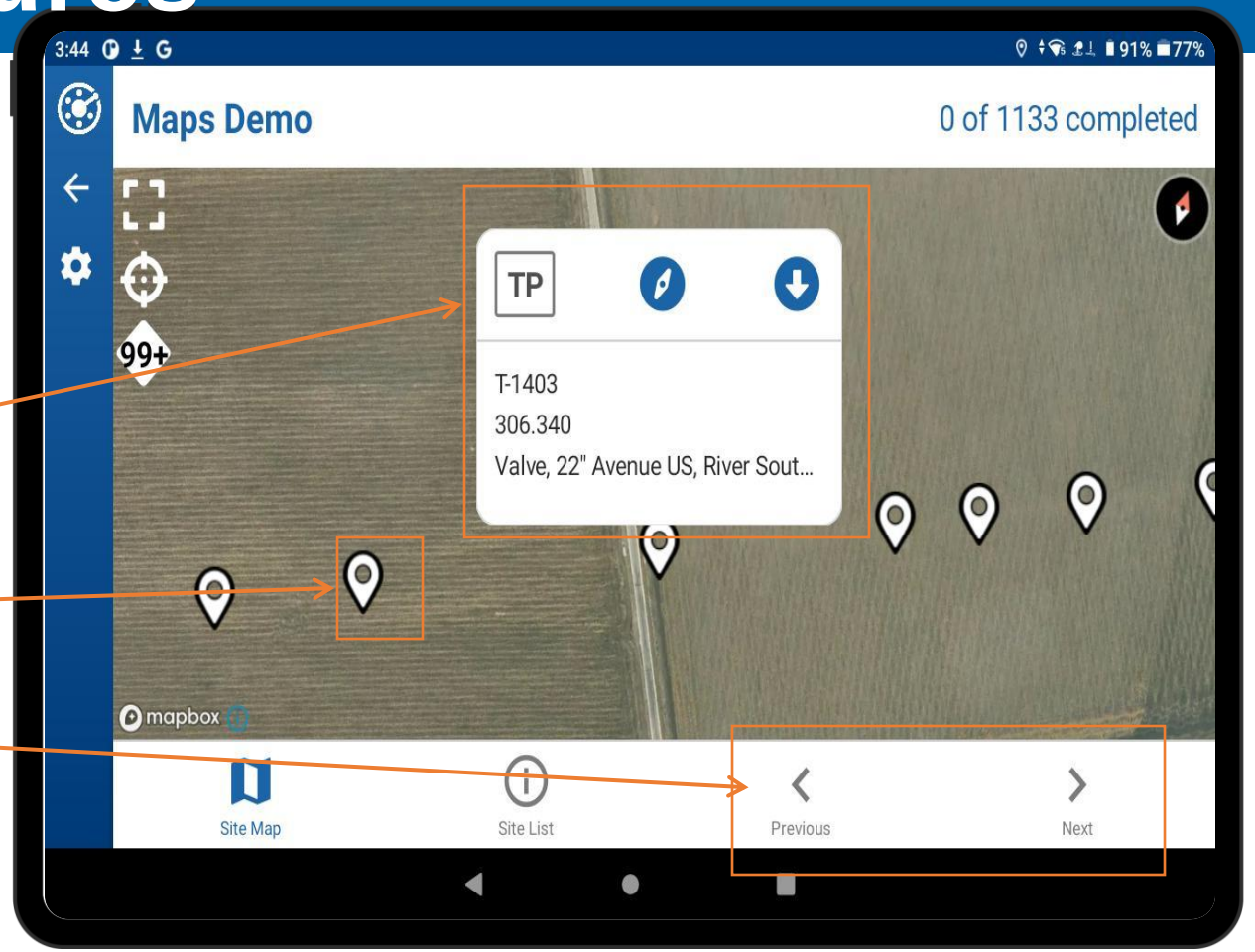
FDC Map: Key Features

- Zoom to Extent
- Current Location
- Missing Sites Indicator



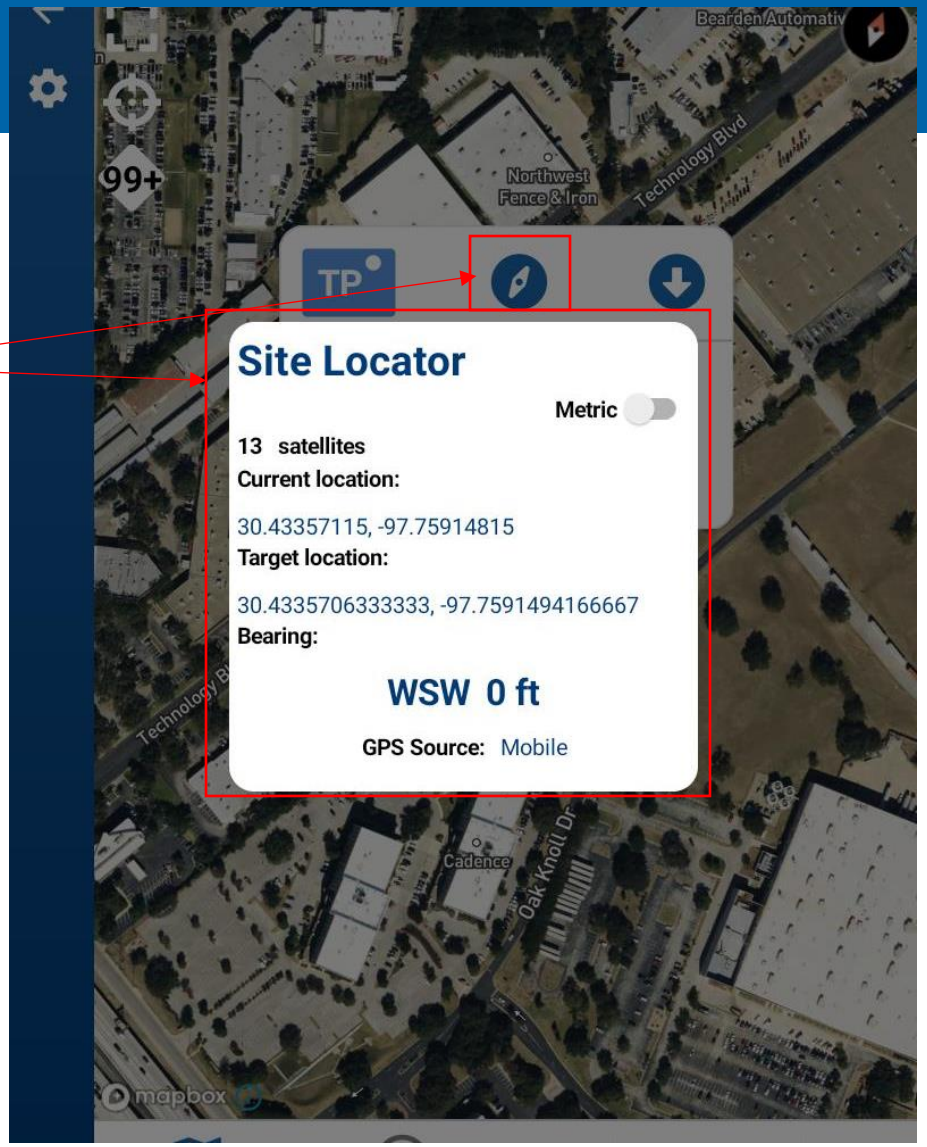
FDC Map: Key Features

- Site Pin Card
- Site Pin
- Pin Navigation



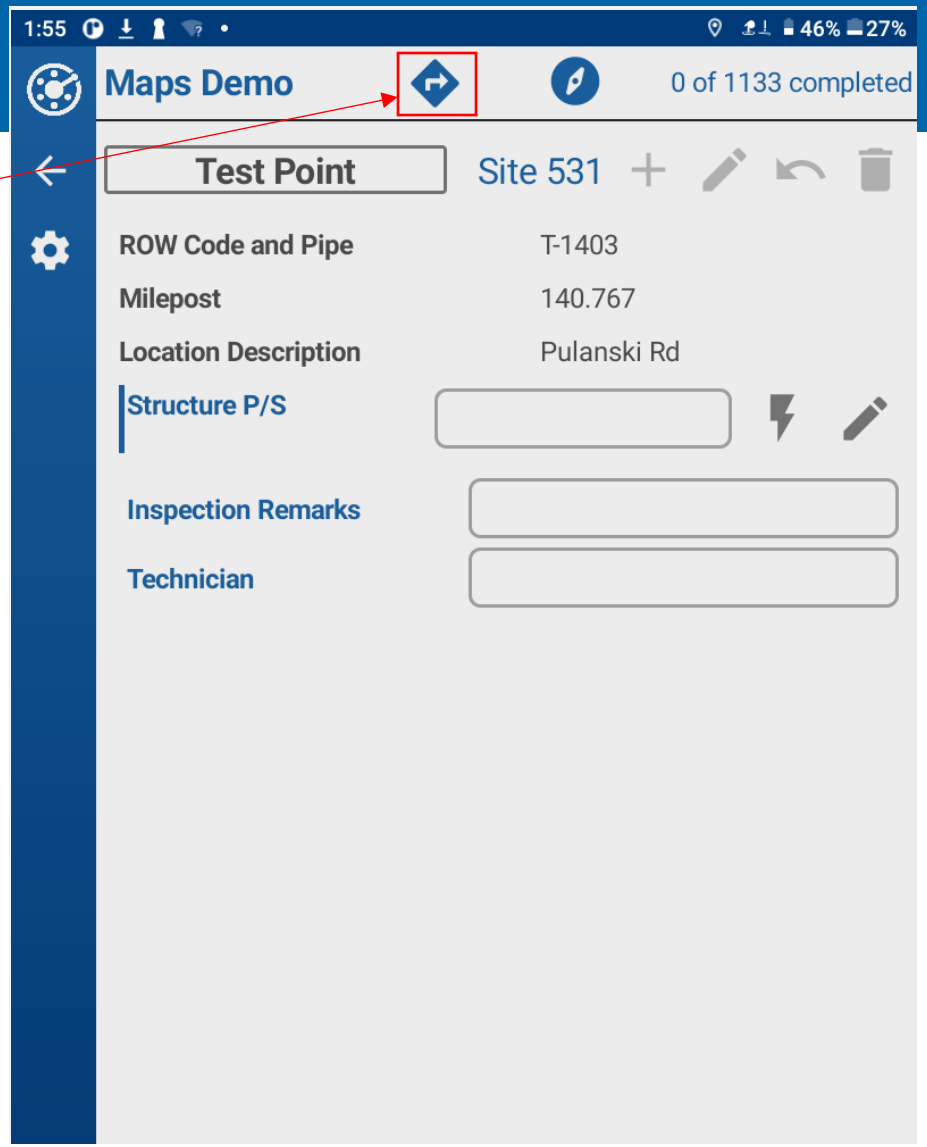
FDC Survey Navigation

- Bearing to Distance
  - Helps Direct User to Site Location by providing cardinal and footage to Asset
  - Once User gets to Location this will help Tech quickly find site location



FDC Survey Navigation

- Turn-by-Turn Directions
  - Opens device's native mapping app/browser to provide driving instructions to the site.
  - Tech can efficiently navigate to site.



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QUESTIONS & ANSWERS

- Patrick McLellan, Product Manager
- Submit your ideas to the Ideas Portal: https://www.aiworldwide.com/ideas/