

Transit Stop Inventory

A Quest to Maximize Accessibility

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Valley Metro Overview

- Operate 365 days a year
- 61 local bus routes
- 20 Express/RAPID routes
- 21 circulator routes
- 26 miles of light rail
- 394 vanpools
- Fixed route & vanpool service – 42M revenue miles/year
- Paratransit – 479K revenue hours/year
- 95% of the fleet is alternatively fueled



Background

- Paratransit as a safety net
- Weather conditions
- Legacy bus stops
- Jurisdictional responsibility

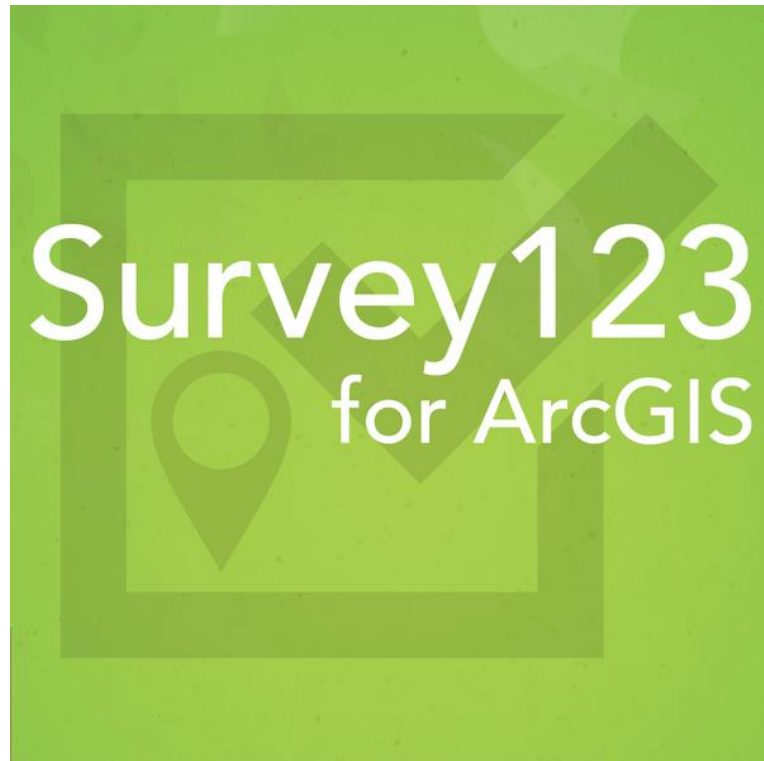


Maximizing Accessibility

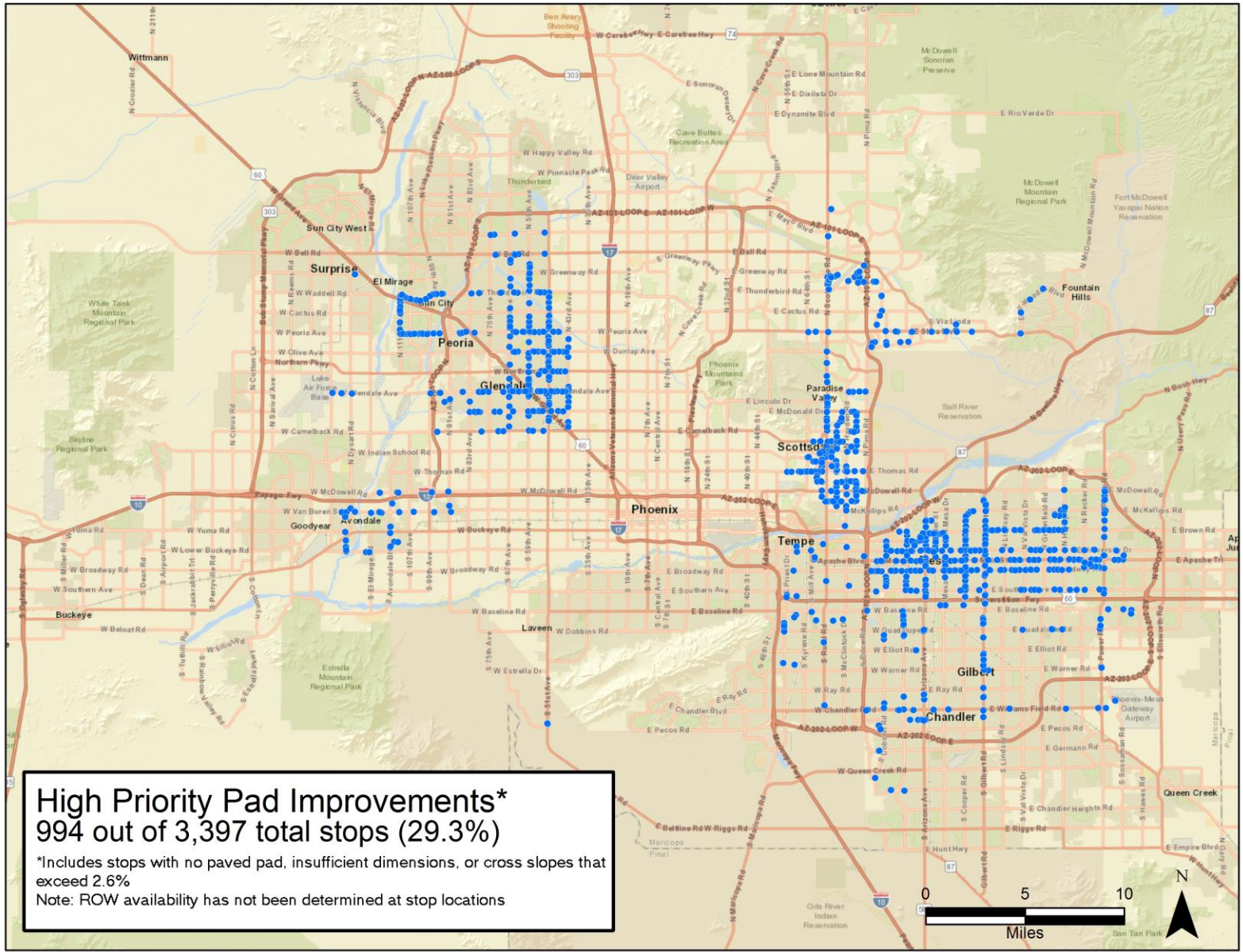
- **Benefits to Valley Metro**
 - ADA compliance
 - Public relations
 - Maximize use of investment
 - Paratransit cost savings
- **Benefits to riders**
 - Lower fares
 - Spontaneous travel
 - Independent travel



Data Collection



- **Survey123 Mobile App**
 - Previously using: ArcCollector
- **Customized in-house**
- **Collects transit stop conditions**
- **Shows ADA compliance in real-time**
- **App is highly transferable**
 - Must have an Esri account



Findings



Findings



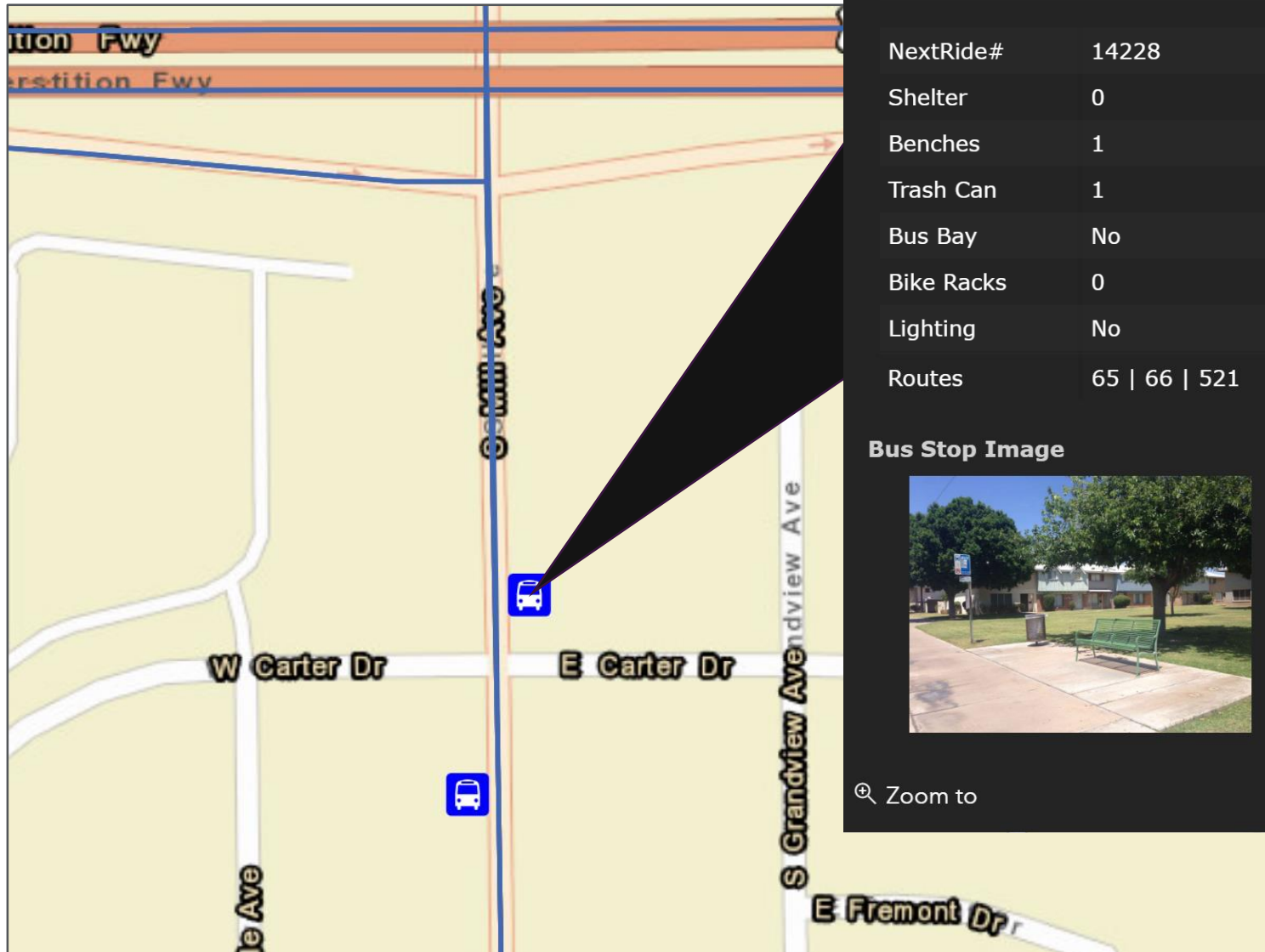
Findings



Findings



Results



MILL AVE & CARTER DR

NextRide#	14228
Shelter	0
Benches	1
Trash Can	1
Bus Bay	No
Bike Racks	0
Lighting	No
Routes	65 66 521

Bus Stop Image



🔍 Zoom to

Cost Estimates

Cost Category	Low	Median	High
Design	\$3,388,081	\$3,553,063	\$4,384,289
Construction	\$9,908,610	\$11,931,600	\$22,124,017
Management	\$2,679,086	\$2,699,316	\$2,801,240
Contingency	\$3,993,944	\$4,545,995	\$7,327,386
Total	\$19,969,720	\$22,729,974	\$36,636,931

Thank You

